

FORMATTING OBJECTS

Pagination and Layout Formatting Objects
 § 6.4

root (layout-master-set, declarations?, page-sequence+)
[§7.25.11]

declarations (color-profile)+

color-profile EMPTY
[§7.28.7, 7.17.2-3]

page-sequence (title?, static-content*,flow)
[§7.9.1-2, 7.24.1-4, 7.25.6-7, 7.25.9, 7.28.2]

layout-master-set (simple-page-master|
page-sequence-master)+

page-sequence-master (single-page-master-reference|
repeatable-page-master-reference|
repeatable-page-master-alternatives)+
[§7.25.8]

single-page-master-reference EMPTY
[§7.25.9]

repeatable-page-master-reference EMPTY
[§7.25.9, 7.25.10]

repeatable-page-master-alternatives
(conditional-page-master-reference+)
[§7.25.10]

conditional-page-master-reference EMPTY
[§7.25.9, 7.25.14, 7.25.12, 7.25.1]

simple-page-master (region-body, region-before?,
region-after?, region-start?, region-end?)
[§7.10, 7.25.8, 7.25.13, 7.25.15, 7.20.3, 7.27.7]

region-body EMPTY
[§7.7, 7.10, 7.13.4, 7.20.1-3, 7.25.2-3, 7.25.17, 7.27.7]

region-before EMPTY
[§7.7, 7.13.4, 7.20.1-3, 7.25.4, 7.25.16-17, 7.27.7]

region-after EMPTY
[§7.7, 7.13.4, 7.20.1-3, 7.25.4, 7.25.16-17, 7.27.7]

region-start EMPTY
[§7.7, 7.13.4, 7.20.1-3, 7.25.4, 7.25.17, 7.27.7]

region-end EMPTY
[§7.7, 7.13.4, 7.20.1-3, 7.25.4, 7.25.17, 7.27.7]

flow (%block;[ⓘ])+
[§7.25.5]

static-content (%block;[ⓘ])+
[§7.25.5]

title (#PCDATA|[ⓘ]inline[ⓘ])*
[§7.4, 7.6-8, 7.11, 7.15.4, 7.17.1, 7.28.8]

Block-level Formatting Objects
 § 6.5

block (#PCDATA|[ⓘ]inline;[ⓘ]%block;[ⓘ])*
[§7.4, 7.6-10, 7.12, 7.15.1-13, 7.17.1, 7.18.3, 7.19.1-7, 7.20.4,
7.27.4-5, 7.28.2, 7.28.8]

block-container (%block;[ⓘ])+
[§7.5, 7.7, 7.10, 7.13.4, 7.14.1, 7.14.4-5, 7.14.12, 7.18.3,
7.19.1-5, 7.20.1-4, 7.27.7, 7.28.2, 7.28.9]

Inline-level Formatting Objects
 § 6.6

bidi-override (#PCDATA|[ⓘ]inline;[ⓘ]%block;[ⓘ])*
[§7.6, 7.8, 7.12, 7.15.4, 7.16.2, 7.16.8, 7.17.1, 7.27.1, 7.27.6,
7.28.2, 7.28.6]

character EMPTY
[§7.6-9, 7.11-12, 7.13.1-3, 7.13.5, 7.15.4, 7.16.1-8, 7.17.1,
7.19.4-5, 7.27.2-5, 7.28.2, 7.28.6, 7.28.8]

initial-property-set EMPTY
[§7.4, 7.6-8, 7.12, 7.15.4, 7.16.2, 7.16.4-6, 7.16.8, 7.17.1,
7.28.2, 7.28.6]

external-graphic EMPTY
[§7.4, 7.6-7, 7.11-12, 7.13.1-5, 7.14.1-5, 7.14.10-12, 7.15.4,
7.15.9, 7.19.4-5, 7.20.1-2, 7.28.1-2, 7.28.7]

instream-foreign-object
(The instream-foreign-object flow object has a child from a non-XSL namespace. The permitted structure of this child is that defined for that namespace.)

[§7.4, 7.6-7, 7.11-12, 7.13.1-5, 7.14.1-5, 7.14.10-12, 7.15.4,
7.15.9, 7.19.4-5, 7.20.1-2, 7.28.1-2]

inline (#PCDATA|[ⓘ]inline;[ⓘ]%block;[ⓘ])*
[§7.4, 7.6-8, 7.11-12, 7.13.1-3, 7.13.5, 7.14.1, 7.14.4-5, 7.15.4,
7.15.13, 7.16.4, 7.17.1, 7.19.3-5, 7.28.2, 7.28.8]

inline-container (%block;[ⓘ])+
[§7.7, 7.11-12, 7.13.1-5, 7.14.1, 7.14.4-5, 7.14.12, 7.15.4,
7.19.3-5, 7.20.1-3, 7.27.7, 7.28.2]

leader (#PCDATA|[ⓘ]inline;[ⓘ])*
[§7.4, 7.6-8, 7.11-12, 7.13.1-3, 7.13.5, 7.15.4, 7.16.2, 7.16.5,
7.16.8, 7.17.1, 7.19.4-5, 7.21.1-6, 7.27.4-5, 7.28.2, 7.28.8]

page-number EMPTY
[§7.4, 7.6-8, 7.11-12, 7.13.1-3, 7.13.5, 7.15.4, 7.15.13, 7.16.2,
7.16.4-6, 7.16.8, 7.19.4-5, 7.27.4-5, 7.28.2, 7.28.6, 7.28.8]

page-number-citation EMPTY
[§7.4, 7.6-8, 7.11-12, 7.13.1-3, 7.13.5, 7.15.4, 7.15.13, 7.16.2,
7.16.4-6, 7.16.8, 7.19.4-5, 7.27.4-5, 7.28.2, 7.28.5-6, 7.28.8]

Formatting Objects for Tables
 § 6.7

table-and-caption (table-caption?, table)
[§7.4, 7.6-7, 7.10, 7.12, 7.15.9, 7.18.3, 7.19.1-5, 7.26.7,
7.28.2]

table (table-column*,table-header?, table-footer?,
table-body+)
[§7.4, 7.6-7, 7.10, 7.12, 7.14.1, 7.14.4-5, 7.14.12, 7.18.3,
7.19.1-5, 7.26.1-6, 7.26.16-18, 7.27.7, 7.28.2]

table-column EMPTY
[§7.7, 7.26.1-2, 7.26.4, 7.26.6, 7.26.8-9, 7.26.12-13, 7.28.8]

table-caption (%block;[ⓘ])+
[§7.4, 7.6-7, 7.12, 7.14.1, 7.14.4-5, 7.14.12, 7.18.3, 7.19.3,
7.28.2]

table-header (table-row+|table-cell+)
[§7.4, 7.6-7, 7.12, 7.26.1-2, 7.26.4, 7.26.6, 7.28.2, 7.28.8]

table-footer (table-row+|table-cell+)
[§7.4, 7.6-7, 7.12, 7.26.1-2, 7.26.4, 7.26.6, 7.28.2, 7.28.8]

table-body (table-row+|table-cell+)
[§7.4, 7.6-7, 7.12, 7.26.1-2, 7.26.4, 7.26.6, 7.28.2, 7.28.8]

table-row (table-cell+)
[§7.4, 7.6-7, 7.12, 7.14.1, 7.14.4, 7.19.1-5, 7.26.1-2, 7.26.4,
7.26.6, 7.28.2, 7.28.8]

table-cell (%block;[ⓘ])+
[§7.4, 7.6-7, 7.12, 7.13.4, 7.13.6, 7.14.1, 7.14.4-5, 7.26.1-2,
7.26.4, 7.26.6, 7.26.8, 7.26.10-11, 7.26.13-15, 7.28.2, 7.14.12]

Formatting Objects for Lists
 § 6.8

list-block (list-item+)
[§7.4, 7.6-7, 7.10, 7.12, 7.19.1-5, 7.28.2, 7.18.3, 7.28.3-4]

list-item (list-item-label,list-item-body)
[§7.4, 7.6-7, 7.10, 7.12, 7.19.1-5, 7.28.2, 7.18.3, 7.13.6]

list-item-body (%block;[ⓘ])+
[§7.4, 7.19.3, 7.28.2]

list-item-label (%block;[ⓘ])+
[§7.4, 7.19.3, 7.28.2]

Dynamic Effects: Link and Multi Formatting Objects
 § 6.9

basic-link (#PCDATA|[ⓘ]inline;[ⓘ]%block;[ⓘ])*
[§7.4, 7.6-7, 7.11-12, 7.13.1-3, 7.13.5, 7.15.4, 7.19.3-5, 7.22.5-
9, 7.22.12-14, 7.28.2]

multi-switch (multi-case+)
[§7.4, 7.22.2, 7.28.2]

multi-case (#PCDATA|[ⓘ]inline;[ⓘ]%block;[ⓘ])*
[§7.4, 7.22.3-4, 7.22.10, 7.28.2]

multi-toggle (#PCDATA|[ⓘ]inline;[ⓘ]%block;[ⓘ])*
[§7.4, 7.22.11, 7.28.2]

multi-properties (multi-property-set+,wrapper)
[§7.4, 7.28.2]

multi-property-set EMPTY
[§7.22.1, 7.28.2]

Out-of-Line Formatting Objects
 § 6.10

float (%block;[ⓘ])+
[§7.18.1-2]

footnote ([ⓘ]inline;[ⓘ],footnote-body)
[§7.4]

footnote-body (%block;[ⓘ])+
[§7.4]

Other Formatting Objects
 § 6.11

wrapper (#PCDATA|[ⓘ]inline;[ⓘ]%block;[ⓘ])*
[§ 7.28.2]

marker (#PCDATA|[ⓘ]inline;[ⓘ]%block;[ⓘ])*
[§ 7.23.1]

retrieve-marker EMPTY
[§7.23.2-4]

⓪ The parameter entity, "%block;" in the content models below, contains the following formatting objects:

block	table-and-caption	list-block
block-container	table	

⓪ The parameter entity, "%inline;" in the content models below, contains the following formatting objects:

bidi-override	inline	page-number-citation
character	inline-container	basic-link
external-graphic	leader	multi-toggle
instream-foreign-object	page-number	

The following formatting objects are "neutral" containers and may be used, provided that the additional constraints listed under each formatting object are satisfied, anywhere where #PCDATA, %block;, or %inline; are allowed:

multi-switch	wrapper
multi-properties	retrieve-marker

FORMATTING PROPERTIES

Common Accessibility Properties
 § 7.4

1.source-document
 |
 2.role

Common Absolute Position Properties
 § 7.5

1.absolute-position
 |
 3.right
 |
 5.left

 2.top
 |
 4.bottom

Common Aural Properties
 § 7.6

1.azimuth	7.pitch	13.speak-numeral
2.cue-after	8.pitch-range	14.speak-punctuation
3.cue-before	9.play-during	15.speech-rate
4.elevation	10.richness	16.stress
5.pause-after	11.speak	17.voice-family
6.pause-before	12.speak-header	18.volume

Common Border, Padding, and Background Properties
 § 7.7

1.background-attachment	20.border-top-style
2.background-color	21.border-top-width
3.background-image	22.border-bottom-color
4.background-repeat	23.border-bottom-style
5.background-position-horizontal	24.border-bottom-width
6.background-position-vertical	25.border-left-color
7.border-before-color	26.border-left-style
8.border-before-style	27.border-left-width
9.border-before-width	28.border-right-color
10.border-after-color	29.border-right-style
11.border-after-style	30.border-right-width
12.border-after-width	31.padding-before
13.border-start-color	32.padding-after
14.border-start-style	33.padding-start
15.border-start-width	34.padding-end
16.border-end-color	35.padding-top
17.border-end-style	36.padding-bottom

18.border-end-width	37.padding-left
19.border-top-color	38.padding-right
Common Font Properties § 7.8	
1.Fonts and Font Data	4.font-size
2.font-family	5.font-stretch
3.font-selection-strategy	6.font-size-adjust
7.font-style	8.font-variant
9.font-weight	
Common Hyphenation Properties § 7.9	
1.country	3.script
2.language	4.hyphenate
5.hyphenation-character	6.hyphenation-push-character-count
7.hyphenation-remain-character-count	
Common Margin Properties-Block § 7.10	
1.margin-top	3.margin-left
2.margin-bottom	4.margin-right
5.space-before	7.start-indent
6.space-after	8.end-indent
Common Margin Properties-Inline § 7.11	
1.space-end	2.space-start
Common Relative Position Properties § 7.12	
1.relative-position	
Area Alignment Properties § 7.13	
1.alignment-adjust	3.baseline-shift
2.alignment-baseline	4.display-align
5.dominant-baseline	6.relative-align
Area Dimension Properties § 7.14	
1.block-progression-dimension	6.max-height
2.content-height	7.max-width
3.content-width	8.min-height
4.height	9.min-width
5.inline-progression-dimension	10.scaling
	11.scaling-method
	12.width
Block and Line-related Properties § 7.15	
1.hyphenation-keep	8.space-treatment
2.hyphenation-ladder-count	9.text-align
3.last-line-end-indent	10.text-align-last
4.line-height	11.text-indent
5.line-height-shift-adjustment	12.white-space-collapse
6.line-stacking-strategy	13.wrap-option
7.linefeed-treatment	
Character Properties § 7.16	
1.character	4.text-decoration
2.letter-spacing	5.text-shadow
3.suppress-at-line-break	6.text-transform
7.treat-as-word-space	8.word-spacing
Color-related Properties § 7.17	
1.color	2.color-profile-name
3.rendering-intent	
Float-related Properties § 7.18	
1.clear	2.float
3.intrusion displace	
Keeps and Breaks Properties § 7.19	
1.break-after	3.keep-together
2.break-before	4.keep-with-next
5.keep-with-previous	7.widows
6.orphans	
Layout-related Properties § 7.20	
1.clip	2.overflow
3.reference-orientation	4.span
Leader and Rule Properties § 7.21	
1.leader-alignment	3.leader-pattern-width
2.leader-pattern	4.leader-length
5.rule-style	6.rule-thickness
Properties for Dynamic Effects Formatting Objects § 7.22	
1.active-state	8.internal-destination
2.auto-restore	9.show-destination
3.case-name	10.starting-state
4.case-title	11.switch-to
5.destination-placement-offset	12.target-presentation-context
6.external-destination	13.target-processing-context
7.indicate-destination	14.target-stylesheet
Properties for Markers § 7.23	
1.marker-class-name	3.retrieve-position

2.retrieve-class-name	4.retrieve-boundary
Properties for Number to String Conversion § 7.24	
1.format	2.grouping-separator
3.grouping-size	4.letter-value
Pagination and Layout Properties § 7.25	
1.blank-or-not-blank	7.initial-page-number
2.column-count	8.master-name
3.column-gap	9.master-reference
4.extent	10.maximum-repeats
5.flow-name	11.media-usage
6.force-page-count	12.odd-or-even
13.page-height	14.page-position
15.page-width	16.precedence
17.region-name	
Table Properties § 7.26	
1.border-after-precedence	10.empty-cells
2.border-before-precedence	11.ends-row
3.border-collapse	12.number-columns-repeated
4.border-end-precedence	13.number-columns-spanned
5.border-separation	14.number-rows-spanned
6.border-start-precedence	15.starts-row
7.caption-side	16.table-layout
8.column-number	17.table-omit-footer-at-break
9.column-width	18.table-omit-header-at-break
Writing-mode-related Properties § 7.27	
1.direction	4.text-altitude
2.glyph-orientation-horizontal	5.text-depth
3.glyph-orientation-vertical	6.unicode-bidi
	7.writing-mode
Miscellaneous Properties § 7.28	
1.content-type	6.score-spaces
2.id	7.src
3.provisional-label-separation	8.visibility
4.provisional-distance-between-starts	9.z-index
5.ref-id	
Shorthand Properties § 7.29	
1.background	9.border-spacing
2.background-position	10.border-top
3.border	11.border-width
4.border-bottom	12.cue
5.border-color	13.Font
6.border-left	14.margin
7.border-right	15.padding
8.border-style	16.page-break-after
17.page-break-before	18.page-break-inside
19.pause	20.position
21.size	22.vertical-align
23.white-space	24.xml:lang
Core Function Library	
Number Functions § 5.10.1	
numeric floor (numeric)	numeric min (numeric, numeric)
numeric ceiling (numeric)	numeric max (numeric, numeric)
numeric round (numeric)	numeric abs (numeric)
color rgb (numeric, numeric, numeric)	color system-color (NCName)
color rgb-icc (numeric, numeric, numeric, NCName, numeric, numeric)	
Font Functions § 5.10.2	
object system-font (NCName, NCName?)	
Property Value Functions § 5.10.3	
object inherited-property-value (NCName?)	
numeric label-end ()	
numeric body-start ()	
object from-parent (NCName?)	
object from-nearest-specified-value (NCName?)	
object from-table-column (NCName?)	
numeric proportional-column-width (numeric)	
object merge-property-values (NCName?)	



Quick Reference

XSL

Version 1.0

W3C Recommendation
15 October 2001

<http://www.w3.org/TR/xml/>

Table of Contents:
Formatting Objects
Formatting Properties
Core Function Library

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