

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.

	Hex(385578)	Hex(445C78)	Hex(506278)	Hex(5C6978)	Hex(686F78)	Hex(747678)	Hex(807C78)	Hex(8C8378)	Hex(988978)	Hex(A49078)
Hex(385578)		Ratio: 1.11 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 2.50 Failed ⁵
Hex(445C78)	Ratio: 1.11 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.24 Failed ⁵
Hex(506278)	Ratio: 1.23 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.04 Failed ⁵
Hex(5C6978)	Ratio: 1.37 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.83 Failed ⁵
Hex(686F78)	Ratio: 1.51 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.65 Failed ⁵
Hex(747678)	Ratio: 1.68 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.49 Failed ⁵
Hex(807C78)	Ratio: 1.85 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.35 Failed ⁵
Hex(8C8378)	Ratio: 2.06 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.21 Failed ⁵
Hex(988978)	Ratio: 2.26 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.11 Failed ⁵
Hex(A49078)	Ratio: 2.50 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.11 Failed ⁵	

Details can be found at <https://www.w3.org/TR/WCAG20/>.

¹ AA

AA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

² AA 18pt

AA level for large text above 18pt.

³ AAA

AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

⁴ AAA 18pt

AAA level for large text above 18pt.

⁵ Failed

Fails to comply with the Web Content Accessibility Guidelines (WCAG) 2.0.

⁶ Passed

Passes the AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for all text sizes.

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