

Converting Colors - WCAG Matrix

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

	Hex(004298)	Hex(0F4C98)	Hex(1E5398)	Hex(2E5C98)	Hex(3D6398)	Hex(4C6D98)	Hex(5B7798)	Hex(6A7E98)	Hex(7A8798)	Hex(898E98)
Hex(004298)		Ratio: 1.12 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 2.86 Failed ⁵
Hex(0F4C98)	Ratio: 1.12 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 2.55 Failed ⁵
Hex(1E5398)	Ratio: 1.23 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.33 Failed ⁵
Hex(2E5C98)	Ratio: 1.39 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.06 Failed ⁵
Hex(3D6398)	Ratio: 1.54 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.86 Failed ⁵
Hex(4C6D98)	Ratio: 1.77 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.62 Failed ⁵
Hex(5B7798)	Ratio: 2.03 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.41 Failed ⁵
Hex(6A7E98)	Ratio: 2.26 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.26 Failed ⁵
Hex(7A8798)	Ratio: 2.57 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.11 Failed ⁵
Hex(898E98)	Ratio: 2.86 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.26 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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