

Converting Colors - WCAG Matrix

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

	Hex(7B8698)	Hex(6C7D98)	Hex(5D7398)	Hex(4D6A98)	Hex(3E6198)	Hex(2F5798)	Hex(204E98)	Hex(114498)	Hex(013B98)	Hex(003A98)
Hex(7B8698)		Ratio: 1.14 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 2.74 Failed ⁵	Ratio: 2.77 Failed ⁵
Hex(6C7D98)	Ratio: 1.14 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 2.44 Failed ⁵
Hex(5D7398)	Ratio: 1.31 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 2.12 Failed ⁵
Hex(4D6A98)	Ratio: 1.49 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.86 Failed ⁵
Hex(3E6198)	Ratio: 1.69 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.64 Failed ⁵
Hex(2F5798)	Ratio: 1.94 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.43 Failed ⁵
Hex(204E98)	Ratio: 2.19 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.27 Failed ⁵
Hex(114498)	Ratio: 2.48 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.12 Failed ⁵
Hex(013B98)	Ratio: 2.74 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(003A98)	Ratio: 2.77 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.01 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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