

Converting Colors - WCAG Matrix

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

	Hex(8D8C96)	Hex(807D96)	Hex(726E96)	Hex(655F96)	Hex(575096)	Hex(494196)	Hex(3C3296)	Hex(2E2396)	Hex(211496)	Hex(130596)
Hex(8D8C96)		Ratio: 1.20 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 3.03 AA 18pt ²	Ratio: 3.52 AA 18pt ²	Ratio: 3.94 AA 18pt ²	Ratio: 4.24 AA 18pt ²
Hex(807D96)	Ratio: 1.20 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 3.30 AA 18pt ²	Ratio: 3.55 AA 18pt ²
Hex(726E96)	Ratio: 1.44 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 2.94 Failed ⁵
Hex(655F96)	Ratio: 1.74 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 2.44 Failed ⁵
Hex(575096)	Ratio: 2.11 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.01 Failed ⁵
Hex(494196)	Ratio: 2.55 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.66 Failed ⁵
Hex(3C3296)	Ratio: 3.03 AA 18pt ²	Ratio: 2.53 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.40 Failed ⁵
Hex(2E2396)	Ratio: 3.52 AA 18pt ²	Ratio: 2.94 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.21 Failed ⁵
Hex(211496)	Ratio: 3.94 AA 18pt ²	Ratio: 3.30 AA 18pt ²	Ratio: 2.73 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.08 Failed ⁵
Hex(130596)	Ratio: 4.24 AA 18pt ²	Ratio: 3.55 AA 18pt ²	Ratio: 2.94 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.08 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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