

Converting Colors - WCAG Matrix

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

	Hex(8886BE)	Hex(7673BE)	Hex(6360BE)	Hex(514DBE)	Hex(3F3ABE)	Hex(2C27BE)	Hex(1A14BE)	Hex(0801BE)	Hex(0700BE)
Hex(8886BE)		Ratio: 1.25 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 3.28 AA 18pt ²	Ratio: 3.53 AA 18pt ²	Ratio: 3.54 AA 18pt ²
Hex(7673BE)	Ratio: 1.25 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 2.83 Failed ⁵
Hex(6360BE)	Ratio: 1.57 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 2.25 Failed ⁵
Hex(514DBE)	Ratio: 1.97 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.80 Failed ⁵
Hex(3F3ABE)	Ratio: 2.42 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.46 Failed ⁵
Hex(2C27BE)	Ratio: 2.90 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.22 Failed ⁵
Hex(1A14BE)	Ratio: 3.28 AA 18pt ²	Ratio: 2.63 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.08 Failed ⁵
Hex(0801BE)	Ratio: 3.53 AA 18pt ²	Ratio: 2.82 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.00 Failed ⁵
Hex(0700BE)	Ratio: 3.54 AA 18pt ²	Ratio: 2.83 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.00 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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