

Converting Colors - WCAG Matrix

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

	Hex(8F80A3)	Hex(8570A3)	Hex(7D5EA3)	Hex(734FA3)	Hex(693DA3)	Hex(612EA3)	Hex(571FA3)	Hex(4F0DA3)	Hex(4500A3)
Hex(8F80A3)		Ratio: 1.19 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 3.01 AA 18pt ²	Ratio: 3.25 AA 18pt ²
Hex(8570A3)	Ratio: 1.19 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 2.72 Failed ⁵
Hex(7D5EA3)	Ratio: 1.45 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.25 Failed ⁵
Hex(734FA3)	Ratio: 1.71 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.89 Failed ⁵
Hex(693DA3)	Ratio: 2.07 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.57 Failed ⁵
Hex(612EA3)	Ratio: 2.38 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.36 Failed ⁵
Hex(571FA3)	Ratio: 2.72 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.20 Failed ⁵
Hex(4F0DA3)	Ratio: 3.01 AA 18pt ²	Ratio: 2.52 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.08 Failed ⁵
Hex(4500A3)	Ratio: 3.25 AA 18pt ²	Ratio: 2.72 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.20 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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