

Converting Colors - WCAG Matrix

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

	Hex(57407D)	Hex(5F4D7D)	Hex(67597D)	Hex(6E667D)	Hex(76727D)	Hex(7E7E7D)	Hex(868B7D)	Hex(8E987D)	Hex(95A47D)	Hex(9DB17D)
Hex(57407D)		Ratio: 1.17 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 3.24 AA 18pt ²	Ratio: 3.70 AA 18pt ²
Hex(5F4D7D)	Ratio: 1.17 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 3.17 AA 18pt ²
Hex(67597D)	Ratio: 1.36 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 2.73 Failed ⁵
Hex(6E667D)	Ratio: 1.59 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.34 Failed ⁵
Hex(76727D)	Ratio: 1.84 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 2.02 Failed ⁵
Hex(7E7E7D)	Ratio: 2.12 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.75 Failed ⁵
Hex(868B7D)	Ratio: 2.47 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.50 Failed ⁵
Hex(8E987D)	Ratio: 2.85 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.30 Failed ⁵
Hex(95A47D)	Ratio: 3.24 AA 18pt ²	Ratio: 2.77 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.14 Failed ⁵
Hex(9DB17D)	Ratio: 3.70 AA 18pt ²	Ratio: 3.17 AA 18pt ²	Ratio: 2.73 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.14 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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