

Converting Colors - WCAG Matrix

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

Hex(7D4F6F) Hex(A3919E) Hex(5D4F7D) Hex(52474E) Hex(D1D1D1) Hex(525252)

	Hex(7D4F6F)	Hex(A3919E)	Hex(5D4F7D)	Hex(52474E)	Hex(D1D1D1)	Hex(525252)
Hex(7D4F6F)		Ratio: 2.21 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 4.27 AA 18pt ²	Ratio: 1.20 Failed ⁵
Hex(A3919E)	Ratio: 2.21 Failed ⁵		Ratio: 2.47 Failed ⁵	Ratio: 3.00 AA 18pt ²	Ratio: 1.94 Failed ⁵	Ratio: 2.64 Failed ⁵
Hex(5D4F7D)	Ratio: 1.12 Failed ⁵	Ratio: 2.47 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 4.77 AA ¹ AAA 18pt ⁴	Ratio: 1.07 Failed ⁵
Hex(52474E)	Ratio: 1.36 Failed ⁵	Ratio: 3.00 AA 18pt ²	Ratio: 1.22 Failed ⁵		Ratio: 5.80 AA ¹ AAA 18pt ⁴	Ratio: 1.13 Failed ⁵
Hex(D1D1D1)	Ratio: 4.27 AA 18pt ²	Ratio: 1.94 Failed ⁵	Ratio: 4.77 AA ¹ AAA 18pt ⁴	Ratio: 5.80 AA ¹ AAA 18pt ⁴		Ratio: 5.12 AA ¹ AAA 18pt ⁴
Hex(525252)	Ratio: 1.20 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 5.12 AA ¹ AAA 18pt ⁴	

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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