

Converting Colors - WCAG Matrix

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

Hex(297E60) Hex(83A398) Hex(487E29) Hex(3E524B) Hex(D1D1D1) Hex(525252)

	Hex(297E60)	Hex(83A398)	Hex(487E29)	Hex(3E524B)	Hex(D1D1D1)	Hex(525252)
Hex(297E60)		Ratio: 1.80 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 3.24 AA 18pt ²	Ratio: 1.58 Failed ⁵
Hex(83A398)	Ratio: 1.80 Failed ⁵		Ratio: 1.78 Failed ⁵	Ratio: 3.05 AA 18pt ²	Ratio: 1.80 Failed ⁵	Ratio: 2.85 Failed ⁵
Hex(487E29)	Ratio: 1.01 Failed ⁵	Ratio: 1.78 Failed ⁵		Ratio: 1.71 Failed ⁵	Ratio: 3.20 AA 18pt ²	Ratio: 1.60 Failed ⁵
Hex(3E524B)	Ratio: 1.69 Failed ⁵	Ratio: 3.05 AA 18pt ²	Ratio: 1.71 Failed ⁵		Ratio: 5.47 AA ¹ AAA 18pt ⁴	Ratio: 1.07 Failed ⁵
Hex(D1D1D1)	Ratio: 3.24 AA 18pt ²	Ratio: 1.80 Failed ⁵	Ratio: 3.20 AA 18pt ²	Ratio: 5.47 AA ¹ AAA 18pt ⁴		Ratio: 5.12 AA ¹ AAA 18pt ⁴
Hex(525252)	Ratio: 1.58 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.07 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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