

Converting Colors - WCAG Matrix

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

Hex(007E4D) Hex(72A390) Hex(327E00) Hex(345246) Hex(D1D1D1) Hex(525252)

	Hex(007E4D)	Hex(72A390)	Hex(327E00)	Hex(345246)	Hex(D1D1D1)	Hex(525252)
Hex(007E4D)		Ratio: 1.80 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 3.36 AA 18pt ²	Ratio: 1.52 Failed ⁵
Hex(72A390)	Ratio: 1.80 Failed ⁵		Ratio: 1.79 Failed ⁵	Ratio: 3.01 AA 18pt ²	Ratio: 1.87 Failed ⁵	Ratio: 2.74 Failed ⁵
Hex(327E00)	Ratio: 1.01 Failed ⁵	Ratio: 1.79 Failed ⁵		Ratio: 1.69 Failed ⁵	Ratio: 3.34 AA 18pt ²	Ratio: 1.53 Failed ⁵
Hex(345246)	Ratio: 1.68 Failed ⁵	Ratio: 3.01 AA 18pt ²	Ratio: 1.69 Failed ⁵		Ratio: 5.63 AA ¹ AAA 18pt ⁴	Ratio: 1.10 Failed ⁵
Hex(D1D1D1)	Ratio: 3.36 AA 18pt ²	Ratio: 1.87 Failed ⁵	Ratio: 3.34 AA 18pt ²	Ratio: 5.63 AA ¹ AAA 18pt ⁴		Ratio: 5.12 AA ¹ AAA 18pt ⁴
Hex(525252)	Ratio: 1.52 Failed ⁵	Ratio: 2.74 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.10 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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