

Converting Colors - WCAG Matrix

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

Hex(7D7B80) Hex(A5A4A6) Hex(7B7E80) Hex(545354) Hex(D4D4D4) Hex(545454)

	Hex(7D7B80)	Hex(A5A4A6)	Hex(7B7E80)	Hex(545354)	Hex(D4D4D4)	Hex(545454)
Hex(7D7B80)		Ratio: 1.69 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 1.81 Failed ⁵
Hex(A5A4A6)	Ratio: 1.69 Failed ⁵		Ratio: 1.65 Failed ⁵	Ratio: 3.09 AA 18pt ²	Ratio: 1.67 Failed ⁵	Ratio: 3.05 AA 18pt ²
Hex(7B7E80)	Ratio: 1.02 Failed ⁵	Ratio: 1.65 Failed ⁵		Ratio: 1.87 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 1.85 Failed ⁵
Hex(545354)	Ratio: 1.83 Failed ⁵	Ratio: 3.09 AA 18pt ²	Ratio: 1.87 Failed ⁵		Ratio: 5.17 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(D4D4D4)	Ratio: 2.82 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 5.17 AA ¹ AAA 18pt ⁴		Ratio: 5.11 AA ¹ AAA 18pt ⁴
Hex(545454)	Ratio: 1.81 Failed ⁵	Ratio: 3.05 AA 18pt ²	Ratio: 1.85 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 5.11 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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