

Converting Colors - WCAG Matrix

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

Hex(7E7D82) Hex(A7A7A8) Hex(7D8182) Hex(535354) Hex(D4D4D4) Hex(545454)

	Hex(7E7D82)	Hex(A7A7A8)	Hex(7D8182)	Hex(535354)	Hex(D4D4D4)	Hex(545454)
Hex(7E7D82)		Ratio: 1.70 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.75 Failed ⁵	Ratio: 1.85 Failed ⁵
Hex(A7A7A8)	Ratio: 1.70 Failed ⁵		Ratio: 1.64 Failed ⁵	Ratio: 3.20 AA 18pt ²	Ratio: 1.62 Failed ⁵	Ratio: 3.15 AA 18pt ²
Hex(7D8182)	Ratio: 1.04 Failed ⁵	Ratio: 1.64 Failed ⁵		Ratio: 1.95 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 1.92 Failed ⁵
Hex(535354)	Ratio: 1.88 Failed ⁵	Ratio: 3.20 AA 18pt ²	Ratio: 1.95 Failed ⁵		Ratio: 5.18 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(D4D4D4)	Ratio: 2.75 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 5.18 AA ¹ AAA 18pt ⁴		Ratio: 5.11 AA ¹ AAA 18pt ⁴
Hex(545454)	Ratio: 1.85 Failed ⁵	Ratio: 3.15 AA 18pt ²	Ratio: 1.92 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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