

Converting Colors - WCAG Matrix

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

Hex(708787) Hex(A7B0B0) Hex(708770) Hex(545959) Hex(D9D9D9) Hex(595959)

Hex(708787)		Ratio: 1.72 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 1.84 Failed ⁵
Hex(A7B0B0)	Ratio: 1.72 Failed ⁵		Ratio: 1.76 Failed ⁵	Ratio: 3.21 AA 18pt ²	Ratio: 1.57 Failed ⁵	Ratio: 3.16 AA 18pt ²
Hex(708770)	Ratio: 1.02 Failed ⁵	Ratio: 1.76 Failed ⁵		Ratio: 1.83 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 1.80 Failed ⁵
Hex(545959)	Ratio: 1.87 Failed ⁵	Ratio: 3.21 AA 18pt ²	Ratio: 1.83 Failed ⁵		Ratio: 5.04 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(D9D9D9)	Ratio: 2.70 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 5.04 AA ¹ AAA 18pt ⁴		Ratio: 4.96 AA ¹ AAA 18pt ⁴
Hex(595959)	Ratio: 1.84 Failed ⁵	Ratio: 3.16 AA 18pt ²	Ratio: 1.80 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 4.96 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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