

Converting Colors - WCAG Matrix

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

Hex(788930) Hex(ACB38F) Hex(894030) Hex(555944) Hex(D9D9D9) Hex(595959)

	Hex(788930)	Hex(ACB38F)	Hex(894030)	Hex(555944)	Hex(D9D9D9)	Hex(595959)
Hex(788930)		Ratio: 1.77 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.75 Failed ⁵	Ratio: 1.81 Failed ⁵
Hex(ACB38F)	Ratio: 1.77 Failed ⁵		Ratio: 3.38 AA 18pt ²	Ratio: 3.31 AA 18pt ²	Ratio: 1.55 Failed ⁵	Ratio: 3.20 AA 18pt ²
Hex(894030)	Ratio: 1.91 Failed ⁵	Ratio: 3.38 AA 18pt ²		Ratio: 1.02 Failed ⁵	Ratio: 5.24 AA ¹ AAA 18pt ⁴	Ratio: 1.06 Failed ⁵
Hex(555944)	Ratio: 1.87 Failed ⁵	Ratio: 3.31 AA 18pt ²	Ratio: 1.02 Failed ⁵		Ratio: 5.13 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(D9D9D9)	Ratio: 2.75 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 5.24 AA ¹ AAA 18pt ⁴	Ratio: 5.13 AA ¹ AAA 18pt ⁴		Ratio: 4.96 AA ¹ AAA 18pt ⁴
Hex(595959)	Ratio: 1.81 Failed ⁵	Ratio: 3.20 AA 18pt ²	Ratio: 1.06 Failed ⁵	Ratio: 1.03 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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