

Converting Colors - WCAG Matrix

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

Hex(76880E) Hex(A9B080) Hex(88210E) Hex(55593D) Hex(D9D9D9) Hex(595959)

	Hex(76880E)	Hex(A9B080)	Hex(88210E)	Hex(55593D)	Hex(D9D9D9)	Hex(595959)
Hex(76880E)		Ratio: 1.74 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 1.77 Failed ⁵
Hex(A9B080)	Ratio: 1.74 Failed ⁵		Ratio: 4.06 AA 18pt ²	Ratio: 3.19 AA 18pt ²	Ratio: 1.62 Failed ⁵	Ratio: 3.07 AA 18pt ²
Hex(88210E)	Ratio: 2.33 Failed ⁵	Ratio: 4.06 AA 18pt ²		Ratio: 1.27 Failed ⁵	Ratio: 6.55 AA ¹ AAA 18pt ⁴	Ratio: 1.32 Failed ⁵
Hex(55593D)	Ratio: 1.84 Failed ⁵	Ratio: 3.19 AA 18pt ²	Ratio: 1.27 Failed ⁵		Ratio: 5.16 AA ¹ AAA 18pt ⁴	Ratio: 1.04 Failed ⁵
Hex(D9D9D9)	Ratio: 2.81 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 6.55 AA ¹ AAA 18pt ⁴	Ratio: 5.16 AA ¹ AAA 18pt ⁴		Ratio: 4.96 AA ¹ AAA 18pt ⁴
Hex(595959)	Ratio: 1.77 Failed ⁵	Ratio: 3.07 AA 18pt ²	Ratio: 1.32 Failed ⁵	Ratio: 1.04 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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