

Converting Colors - WCAG Matrix

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

Hex(E08561) Hex(FFE0D4) Hex(E061BC) Hex(806D66) Hex(000000) Hex(808080)

	Hex(E08561)	Hex(FFE0D4)	Hex(E061BC)	Hex(806D66)	Hex(000000)	Hex(808080)
Hex(E08561)		Ratio: 2.19 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 7.70 Passed ⁶	Ratio: 1.45 Failed ⁵
Hex(FFE0D4)	Ratio: 2.19 Failed ⁵		Ratio: 2.55 Failed ⁵	Ratio: 3.92 AA 18pt ²	Ratio: 16.86 Passed ⁶	Ratio: 3.17 AA 18pt ²
Hex(E061BC)	Ratio: 1.17 Failed ⁵	Ratio: 2.55 Failed ⁵		Ratio: 1.54 Failed ⁵	Ratio: 6.61 AA ¹ AAA 18pt ⁴	Ratio: 1.24 Failed ⁵
Hex(806D66)	Ratio: 1.79 Failed ⁵	Ratio: 3.92 AA 18pt ²	Ratio: 1.54 Failed ⁵		Ratio: 4.30 AA 18pt ²	Ratio: 1.24 Failed ⁵
Hex(000000)	Ratio: 7.70 Passed ⁶	Ratio: 16.86 Passed ⁶	Ratio: 6.61 AA ¹ AAA 18pt ⁴	Ratio: 4.30 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.45 Failed ⁵	Ratio: 3.17 AA 18pt ²	Ratio: 1.24 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 5.32 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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