

Converting Colors - WCAG Matrix

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

Hex(EB6352) Hex(FFD2CC) Hex(EB52DC) Hex(806461) Hex(000000) Hex(808080)

	Hex(EB6352)	Hex(FFD2CC)	Hex(EB52DC)	Hex(806461)	Hex(000000)	Hex(808080)
Hex(EB6352)		Ratio: 2.38 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 6.44 AA ¹ AAA 18pt ⁴	Ratio: 1.21 Failed ⁵
Hex(FFD2CC)	Ratio: 2.38 Failed ⁵		Ratio: 2.27 Failed ⁵	Ratio: 3.92 AA 18pt ²	Ratio: 15.34 Passed ⁶	Ratio: 2.89 Failed ⁵
Hex(EB52DC)	Ratio: 1.05 Failed ⁵	Ratio: 2.27 Failed ⁵		Ratio: 1.73 Failed ⁵	Ratio: 6.77 AA ¹ AAA 18pt ⁴	Ratio: 1.27 Failed ⁵
Hex(806461)	Ratio: 1.65 Failed ⁵	Ratio: 3.92 AA 18pt ²	Ratio: 1.73 Failed ⁵		Ratio: 3.91 AA 18pt ²	Ratio: 1.36 Failed ⁵
Hex(000000)	Ratio: 6.44 AA ¹ AAA 18pt ⁴	Ratio: 15.34 Passed ⁶	Ratio: 6.77 AA ¹ AAA 18pt ⁴	Ratio: 3.91 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.21 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.36 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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