

Converting Colors - WCAG Matrix

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

Hex(EBB621) Hex(FFEEDB) Hex(EB2157) Hex(807558) Hex(000000) Hex(808080)

	Hex(EBB621)	Hex(FFEEDB)	Hex(EB2157)	Hex(807558)	Hex(000000)	Hex(808080)
Hex(EBB621)		Ratio: 1.62 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 11.25 Passed ⁶	Ratio: 2.11 Failed ⁵
Hex(FFEEDB)	Ratio: 1.62 Failed ⁵		Ratio: 3.73 AA 18pt ²	Ratio: 3.96 AA 18pt ²	Ratio: 18.22 Passed ⁶	Ratio: 3.43 AA 18pt ²
Hex(EB2157)	Ratio: 2.30 Failed ⁵	Ratio: 3.73 AA 18pt ²		Ratio: 1.06 Failed ⁵	Ratio: 4.89 AA ¹ AAA 18pt ⁴	Ratio: 1.09 Failed ⁵
Hex(807558)	Ratio: 2.44 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 1.06 Failed ⁵		Ratio: 4.60 AA ¹ AAA 18pt ⁴	Ratio: 1.16 Failed ⁵
Hex(000000)	Ratio: 11.25 Passed ⁶	Ratio: 18.22 Passed ⁶	Ratio: 4.89 AA ¹ AAA 18pt ⁴	Ratio: 4.60 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.11 Failed ⁵	Ratio: 3.43 AA 18pt ²	Ratio: 1.09 Failed ⁵	Ratio: 1.16 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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