

Converting Colors - WCAG Matrix

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

	Hex(EB3030)	Hex(CA001A)	Hex(AA0002)	Hex(8A0000)	Hex(6A0000)	Hex(4C0003)	Hex(2D0001)	Hex(000000)
Hex(EB3030)		Ratio: 1.42 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 3.10 AA 18pt ²	Ratio: 3.82 AA 18pt ²	Ratio: 4.49 AA 18pt ²	Ratio: 5.00 AA ¹ AAA 18pt ⁴
Hex(CA001A)	Ratio: 1.42 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 3.17 AA 18pt ²	Ratio: 3.53 AA 18pt ²
Hex(AA0002)	Ratio: 1.84 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 2.71 Failed ⁵
Hex(8A0000)	Ratio: 2.40 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.08 Failed ⁵
Hex(6A0000)	Ratio: 3.10 AA 18pt ²	Ratio: 2.19 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.61 Failed ⁵
Hex(4C0003)	Ratio: 3.82 AA 18pt ²	Ratio: 2.69 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.31 Failed ⁵
Hex(2D0001)	Ratio: 4.49 AA 18pt ²	Ratio: 3.17 AA 18pt ²	Ratio: 2.44 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.11 Failed ⁵
Hex(000000)	Ratio: 5.00 AA ¹ AAA 18pt ⁴	Ratio: 3.53 AA 18pt ²	Ratio: 2.71 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.11 Failed ⁵	

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.

This PDF was generated on convertingcolors.com.