

Converting Colors - WCAG Matrix

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

Hex(C1DB24) Hex(F6FFBF) Hex(DB3C24) Hex(7A8059) Hex(000000) Hex(808080)

	Hex(C1DB24)	Hex(F6FFBF)	Hex(DB3C24)	Hex(7A8059)	Hex(000000)	Hex(808080)
Hex(C1DB24)		Ratio: 1.49 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 13.43 Passed ⁶	Ratio: 2.52 Failed ⁵
Hex(F6FFBF)	Ratio: 1.49 Failed ⁵		Ratio: 4.26 AA 18pt ²	Ratio: 3.95 AA 18pt ²	Ratio: 19.97 Passed ⁶	Ratio: 3.76 AA 18pt ²
Hex(DB3C24)	Ratio: 2.87 Failed ⁵	Ratio: 4.26 AA 18pt ²		Ratio: 1.08 Failed ⁵	Ratio: 4.68 AA ¹ AAA 18pt ⁴	Ratio: 1.14 Failed ⁵
Hex(7A8059)	Ratio: 2.65 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 1.08 Failed ⁵		Ratio: 5.06 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(000000)	Ratio: 13.43 Passed ⁶	Ratio: 19.97 Passed ⁶	Ratio: 4.68 AA ¹ AAA 18pt ⁴	Ratio: 5.06 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.52 Failed ⁵	Ratio: 3.76 AA 18pt ²	Ratio: 1.14 Failed ⁵	Ratio: 1.05 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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