

Converting Colors - WCAG Matrix

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

Hex(7AD548) Hex(DEFACC) Hex(D5A148) Hex(6C8061) Hex(000000) Hex(808080)

	Hex(7AD548)	Hex(DEFACC)	Hex(D5A148)	Hex(6C8061)	Hex(000000)	Hex(808080)
Hex(7AD548)		Ratio: 1.69 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 11.44 Passed ⁶	Ratio: 2.15 Failed ⁵
Hex(DEFACC)	Ratio: 1.69 Failed ⁵		Ratio: 2.14 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 19.28 Passed ⁶	Ratio: 3.63 AA 18pt ²
Hex(D5A148)	Ratio: 1.27 Failed ⁵	Ratio: 2.14 Failed ⁵		Ratio: 1.84 Failed ⁵	Ratio: 9.02 Passed ⁶	Ratio: 1.70 Failed ⁵
Hex(6C8061)	Ratio: 2.34 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 1.84 Failed ⁵		Ratio: 4.90 AA ¹ AAA 18pt ⁴	Ratio: 1.09 Failed ⁵
Hex(000000)	Ratio: 11.44 Passed ⁶	Ratio: 19.28 Passed ⁶	Ratio: 9.02 Passed ⁶	Ratio: 4.90 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.15 Failed ⁵	Ratio: 3.63 AA 18pt ²	Ratio: 1.70 Failed ⁵	Ratio: 1.09 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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