

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(F0D575) Hex(FFDD63) Hex(CDF075) Hex(78756C) Hex(B89000) Hex(382C00)

	Hex(F0D575)	Hex(FFDD63)	Hex(CDF075)	Hex(78756C)	Hex(B89000)	Hex(382C00)
Hex(F0D575)		Ratio: 1.09 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 3.18 AA 18pt ²	Ratio: 2.06 Failed ⁵	Ratio: 9.47 Passed ⁶
Hex(FFDD63)	Ratio: 1.09 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 3.46 AA 18pt ²	Ratio: 2.24 Failed ⁵	Ratio: 10.32 Passed ⁶
Hex(CDF075)	Ratio: 1.13 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 3.58 AA 18pt ²	Ratio: 2.32 Failed ⁵	Ratio: 10.68 Passed ⁶
Hex(78756C)	Ratio: 3.18 AA 18pt ²	Ratio: 3.46 AA 18pt ²	Ratio: 3.58 AA 18pt ²		Ratio: 1.54 Failed ⁵	Ratio: 2.98 Failed ⁵
Hex(B89000)	Ratio: 2.06 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 1.54 Failed ⁵		Ratio: 4.60 AA ¹ AAA 18pt ⁴
Hex(382C00)	Ratio: 9.47 Passed ⁶	Ratio: 10.32 Passed ⁶	Ratio: 10.68 Passed ⁶	Ratio: 2.98 Failed ⁵	Ratio: 4.60 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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