

Converting Colors - WCAG Matrix

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

Hex(7DAF74) Hex(D0E3CC) Hex(AFA574) Hex(677365) Hex(F2F2F2) Hex(737373)

	Hex(7DAF74)	Hex(D0E3CC)	Hex(AFA574)	Hex(677365)	Hex(F2F2F2)	Hex(737373)
Hex(7DAF74)		Ratio: 1.88 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 1.86 Failed ⁵
Hex(D0E3CC)	Ratio: 1.88 Failed ⁵		Ratio: 1.84 Failed ⁵	Ratio: 3.69 AA 18pt ²	Ratio: 1.21 Failed ⁵	Ratio: 3.51 AA 18pt ²
Hex(AFA574)	Ratio: 1.02 Failed ⁵	Ratio: 1.84 Failed ⁵		Ratio: 2.01 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 1.91 Failed ⁵
Hex(677365)	Ratio: 1.96 Failed ⁵	Ratio: 3.69 AA 18pt ²	Ratio: 2.01 Failed ⁵		Ratio: 4.45 AA 18pt ²	Ratio: 1.05 Failed ⁵
Hex(F2F2F2)	Ratio: 2.27 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 4.45 AA 18pt ²		Ratio: 4.24 AA 18pt ²
Hex(737373)	Ratio: 1.86 Failed ⁵	Ratio: 3.51 AA 18pt ²	Ratio: 1.91 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 4.24 AA 18pt ²	

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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