

Converting Colors - WCAG Matrix

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

Hex(B29C73) Hex(E8DFCF) Hex(B27389) Hex(757066) Hex(F5F5F5) Hex(757575)

	Hex(B29C73)	Hex(E8DFCF)	Hex(B27389)	Hex(757066)	Hex(F5F5F5)	Hex(757575)
Hex(B29C73)		Ratio: 2.01 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 1.73 Failed ⁵
Hex(E8DFCF)	Ratio: 2.01 Failed ⁵		Ratio: 2.78 Failed ⁵	Ratio: 3.72 AA 18pt ²	Ratio: 1.21 Failed ⁵	Ratio: 3.49 AA 18pt ²
Hex(B27389)	Ratio: 1.38 Failed ⁵	Ratio: 2.78 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 3.38 AA 18pt ²	Ratio: 1.25 Failed ⁵
Hex(757066)	Ratio: 1.85 Failed ⁵	Ratio: 3.72 AA 18pt ²	Ratio: 1.34 Failed ⁵		Ratio: 4.52 AA ¹ AAA 18pt ⁴	Ratio: 1.07 Failed ⁵
Hex(F5F5F5)	Ratio: 2.44 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 3.38 AA 18pt ²	Ratio: 4.52 AA ¹ AAA 18pt ⁴		Ratio: 4.23 AA 18pt ²
Hex(757575)	Ratio: 1.73 Failed ⁵	Ratio: 3.49 AA 18pt ²	Ratio: 1.25 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 4.23 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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