

Converting Colors - WCAG Matrix

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

Hex(846A6A) Hex(ABA1A1) Hex(846A84) Hex(575151) Hex(D6D6D6) Hex(575757)

	Hex(846A6A)	Hex(ABA1A1)	Hex(846A84)	Hex(575151)	Hex(D6D6D6)	Hex(575757)
Hex(846A6A)		Ratio: 1.96 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 3.40 AA 18pt ²	Ratio: 1.46 Failed ⁵
Hex(ABA1A1)	Ratio: 1.96 Failed ⁵		Ratio: 1.91 Failed ⁵	Ratio: 3.09 AA 18pt ²	Ratio: 1.73 Failed ⁵	Ratio: 2.87 Failed ⁵
Hex(846A84)	Ratio: 1.03 Failed ⁵	Ratio: 1.91 Failed ⁵		Ratio: 1.62 Failed ⁵	Ratio: 3.30 AA 18pt ²	Ratio: 1.51 Failed ⁵
Hex(575151)	Ratio: 1.57 Failed ⁵	Ratio: 3.09 AA 18pt ²	Ratio: 1.62 Failed ⁵		Ratio: 5.35 AA ¹ AAA 18pt ⁴	Ratio: 1.08 Failed ⁵
Hex(D6D6D6)	Ratio: 3.40 AA 18pt ²	Ratio: 1.73 Failed ⁵	Ratio: 3.30 AA 18pt ²	Ratio: 5.35 AA ¹ AAA 18pt ⁴		Ratio: 4.97 AA ¹ AAA 18pt ⁴
Hex(575757)	Ratio: 1.46 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 4.97 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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