

Converting Colors - WCAG Matrix

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

Hex(85334C) Hex(AD8E98) Hex(6B3385) Hex(574449) Hex(D6D6D6) Hex(575757)

	Hex(85334C)	Hex(AD8E98)	Hex(6B3385)	Hex(574449)	Hex(D6D6D6)	Hex(575757)
Hex(85334C)		Ratio: 2.76 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 5.61 AA ¹ AAA 18pt ⁴	Ratio: 1.13 Failed ⁵
Hex(AD8E98)	Ratio: 2.76 Failed ⁵		Ratio: 2.91 Failed ⁵	Ratio: 3.05 AA 18pt ²	Ratio: 2.04 Failed ⁵	Ratio: 2.44 Failed ⁵
Hex(6B3385)	Ratio: 1.06 Failed ⁵	Ratio: 2.91 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 5.93 AA ¹ AAA 18pt ⁴	Ratio: 1.19 Failed ⁵
Hex(574449)	Ratio: 1.11 Failed ⁵	Ratio: 3.05 AA 18pt ²	Ratio: 1.05 Failed ⁵		Ratio: 6.21 AA ¹ AAA 18pt ⁴	Ratio: 1.25 Failed ⁵
Hex(D6D6D6)	Ratio: 5.61 AA ¹ AAA 18pt ⁴	Ratio: 2.04 Failed ⁵	Ratio: 5.93 AA ¹ AAA 18pt ⁴	Ratio: 6.21 AA ¹ AAA 18pt ⁴		Ratio: 4.97 AA ¹ AAA 18pt ⁴
Hex(575757)	Ratio: 1.13 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.25 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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