

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(A35C68) Hex(D4B8BD) Hex(965CA3) Hex(6B5A5D) Hex(EBEBEB) Hex(6B6B6B)

	Hex(A35C68)	Hex(D4B8BD)	Hex(965CA3)	Hex(6B5A5D)	Hex(EBEBEB)	Hex(6B6B6B)
Hex(A35C68)		Ratio: 2.66 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 4.11 AA 18pt ²	Ratio: 1.09 Failed ⁵
Hex(D4B8BD)	Ratio: 2.66 Failed ⁵		Ratio: 2.61 Failed ⁵	Ratio: 3.51 AA 18pt ²	Ratio: 1.55 Failed ⁵	Ratio: 2.89 Failed ⁵
Hex(965CA3)	Ratio: 1.02 Failed ⁵	Ratio: 2.61 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 4.04 AA 18pt ²	Ratio: 1.11 Failed ⁵
Hex(6B5A5D)	Ratio: 1.32 Failed ⁵	Ratio: 3.51 AA 18pt ²	Ratio: 1.34 Failed ⁵		Ratio: 5.43 AA ¹ AAA 18pt ⁴	Ratio: 1.21 Failed ⁵
Hex(EBEBEB)	Ratio: 4.11 AA 18pt ²	Ratio: 1.55 Failed ⁵	Ratio: 4.04 AA 18pt ²	Ratio: 5.43 AA ¹ AAA 18pt ⁴		Ratio: 4.47 AA 18pt ²
Hex(6B6B6B)	Ratio: 1.09 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 4.47 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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