

Converting Colors - WCAG Matrix

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

Hex(A43652) Hex(D6ABB6) Hex(8736A4) Hex(6B5158) Hex(EBEBEB) Hex(6B6B6B)

	Hex(A43652)	Hex(D6ABB6)	Hex(8736A4)	Hex(6B5158)	Hex(EBEBEB)	Hex(6B6B6B)
Hex(A43652)		Ratio: 3.21 AA 18pt ²	Ratio: 1.04 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 5.46 AA ¹ AAA 18pt ⁴	Ratio: 1.22 Failed ⁵
Hex(D6ABB6)	Ratio: 3.21 AA 18pt ²		Ratio: 3.35 AA 18pt ²	Ratio: 3.52 AA 18pt ²	Ratio: 1.70 Failed ⁵	Ratio: 2.63 Failed ⁵
Hex(8736A4)	Ratio: 1.04 Failed ⁵	Ratio: 3.35 AA 18pt ²		Ratio: 1.05 Failed ⁵	Ratio: 5.69 AA ¹ AAA 18pt ⁴	Ratio: 1.27 Failed ⁵
Hex(6B5158)	Ratio: 1.10 Failed ⁵	Ratio: 3.52 AA 18pt ²	Ratio: 1.05 Failed ⁵		Ratio: 5.99 AA ¹ AAA 18pt ⁴	Ratio: 1.34 Failed ⁵
Hex(EBEBEB)	Ratio: 5.46 AA ¹ AAA 18pt ⁴	Ratio: 1.70 Failed ⁵	Ratio: 5.69 AA ¹ AAA 18pt ⁴	Ratio: 5.99 AA ¹ AAA 18pt ⁴		Ratio: 4.47 AA 18pt ²
Hex(6B6B6B)	Ratio: 1.22 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.34 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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