

Converting Colors - WCAG Matrix

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

Hex(A2A1A1) Hex(D4D4D4) Hex(A2A1A2) Hex(6B6B6B) Hex(EBEBEB)

Hex(A2A1A1)		Ratio: 1.74 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 2.07 Failed ⁵
Hex(D4D4D4)	Ratio: 1.74 Failed ⁵		Ratio: 1.74 Failed ⁵	Ratio: 3.60 AA 18pt ²
Hex(A2A1A2)	Ratio: 1.00 Failed ⁵	Ratio: 1.74 Failed ⁵		Ratio: 2.07 Failed ⁵
Hex(6B6B6B)	Ratio: 2.07 Failed ⁵	Ratio: 3.60 AA 18pt ²	Ratio: 2.07 Failed ⁵	
Hex(EBEBEB)	Ratio: 2.16 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 2.16 Failed ⁵	

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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