

Converting Colors - WCAG Matrix

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

Hex(D4D4D4) **Hex(FFFFFF)** **Hex(6B6B6B)** **Hex(00ABAB)** **Hex(002B2B)**

Hex(D4D4D4)		Ratio: 1.48 Failed ⁵	Ratio: 3.60 AA 18pt ²	Ratio: 1.91 Failed ⁵	Ratio: 10.26 Passed ⁶
Hex(FFFFFF)	Ratio: 1.48 Failed ⁵		Ratio: 5.33 AA ¹ AAA 18pt ⁴	Ratio: 2.83 Failed ⁵	Ratio: 15.21 Passed ⁶
Hex(6B6B6B)	Ratio: 3.60 AA 18pt ²	Ratio: 5.33 AA ¹ AAA 18pt ⁴		Ratio: 1.88 Failed ⁵	Ratio: 2.85 Failed ⁵
Hex(00ABAB)	Ratio: 1.91 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 1.88 Failed ⁵		Ratio: 5.37 AA ¹ AAA 18pt ⁴
Hex(002B2B)	Ratio: 10.26 Passed ⁶	Ratio: 15.21 Passed ⁶	Ratio: 2.85 Failed ⁵	Ratio: 5.37 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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