

Converting Colors - WCAG Matrix

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

Hex(D66169) Hex(FF5762) Hex(D69461) Hex(6B6061) Hex(AB000B) Hex(2B0003)

	Hex(D66169)	Hex(FF5762)	Hex(D69461)	Hex(6B6061)	Hex(AB000B)	Hex(2B0003)
Hex(D66169)		Ratio: 1.18 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 5.23 AA ¹ AAA 18pt ⁴
Hex(FF5762)	Ratio: 1.18 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 6.15 AA ¹ AAA 18pt ⁴
Hex(D69461)	Ratio: 1.43 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 2.38 Failed ⁵	Ratio: 3.02 AA 18pt ²	Ratio: 7.49 Passed ⁶
Hex(6B6061)	Ratio: 1.66 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.38 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 3.14 AA 18pt ²
Hex(AB000B)	Ratio: 2.11 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 3.02 AA 18pt ²	Ratio: 1.27 Failed ⁵		Ratio: 2.48 Failed ⁵
Hex(2B0003)	Ratio: 5.23 AA ¹ AAA 18pt ⁴	Ratio: 6.15 AA ¹ AAA 18pt ⁴	Ratio: 7.49 Passed ⁶	Ratio: 3.14 AA 18pt ²	Ratio: 2.48 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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