

Converting Colors - WCAG Matrix

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

Hex(D84549) Hex(FF2E34) Hex(4593D8) Hex(6B6061) Hex(AB0005) Hex(2B0001)

	Hex(D84549)	Hex(FF2E34)	Hex(4593D8)	Hex(6B6061)	Hex(AB0005)	Hex(2B0001)
Hex(D84549)		Ratio: 1.17 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 4.41 AA 18pt ²
Hex(FF2E34)	Ratio: 1.17 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 5.16 AA ¹ AAA 18pt ⁴
Hex(4593D8)	Ratio: 1.32 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.85 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 5.82 AA ¹ AAA 18pt ⁴
Hex(6B6061)	Ratio: 1.40 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.85 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 3.15 AA 18pt ²
Hex(AB0005)	Ratio: 1.78 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 2.48 Failed ⁵
Hex(2B0001)	Ratio: 4.41 AA 18pt ²	Ratio: 5.16 AA ¹ AAA 18pt ⁴	Ratio: 5.82 AA ¹ AAA 18pt ⁴	Ratio: 3.15 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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