

Converting Colors - WCAG Matrix

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

Hex(DE3562) Hex(FF1755) Hex(DE5D35) Hex(706568) Hex(B0002F) Hex(30000D)

	Hex(DE3562)	Hex(FF1755)	Hex(DE5D35)	Hex(706568)	Hex(B0002F)	Hex(30000D)
Hex(DE3562)		Ratio: 1.15 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 4.24 AA 18pt ²
Hex(FF1755)	Ratio: 1.15 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 4.87 AA ¹ AAA 18pt ⁴
Hex(DE5D35)	Ratio: 1.19 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.53 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 5.06 AA ¹ AAA 18pt ⁴
Hex(706568)	Ratio: 1.28 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.53 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 3.31 AA 18pt ²
Hex(B0002F)	Ratio: 1.66 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 2.55 Failed ⁵
Hex(30000D)	Ratio: 4.24 AA 18pt ²	Ratio: 4.87 AA ¹ AAA 18pt ⁴	Ratio: 5.06 AA ¹ AAA 18pt ⁴	Ratio: 3.31 AA 18pt ²	Ratio: 2.55 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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