

Converting Colors - WCAG Matrix

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

Hex(262225) Hex(302A2F) Hex(232622) Hex(121011) Hex(52003D) Hex(D1009D)

	Hex(262225)	Hex(302A2F)	Hex(232622)	Hex(121011)	Hex(52003D)	Hex(D1009D)
Hex(262225)		Ratio: 1.12 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 3.14 AA 18pt ²
Hex(302A2F)	Ratio: 1.12 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 2.80 Failed ⁵
Hex(232622)	Ratio: 1.03 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 3.06 AA 18pt ²
Hex(121011)	Ratio: 1.21 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 3.79 AA 18pt ²
Hex(52003D)	Ratio: 1.07 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 2.94 Failed ⁵
Hex(D1009D)	Ratio: 3.14 AA 18pt ²	Ratio: 2.80 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 3.79 AA 18pt ²	Ratio: 2.94 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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