

Converting Colors - WCAG Matrix

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

Hex(242022) Hex(2E282B) Hex(242020) Hex(121011) Hex(520026) Hex(D10061)

	Hex(242022)	Hex(2E282B)	Hex(242020)	Hex(121011)	Hex(520026)	Hex(D10061)
Hex(242022)		Ratio: 1.11 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 2.98 Failed ⁵
Hex(2E282B)	Ratio: 1.11 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 2.67 Failed ⁵
Hex(242020)	Ratio: 1.00 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 2.98 Failed ⁵
Hex(121011)	Ratio: 1.18 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 3.51 AA 18pt ²
Hex(520026)	Ratio: 1.06 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 2.80 Failed ⁵
Hex(D10061)	Ratio: 2.98 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 3.51 AA 18pt ²	Ratio: 2.80 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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