

Converting Colors - WCAG Matrix

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

Hex(252424) Hex(302F2F) Hex(242524) Hex(121111) Hex(520001) Hex(D10003)

	Hex(252424)	Hex(302F2F)	Hex(242524)	Hex(121111)	Hex(520001)	Hex(D10003)
Hex(252424)		Ratio: 1.16 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 2.74 Failed ⁵
Hex(302F2F)	Ratio: 1.16 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 2.36 Failed ⁵
Hex(242524)	Ratio: 1.01 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 2.72 Failed ⁵
Hex(121111)	Ratio: 1.22 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 3.33 AA 18pt ²
Hex(520001)	Ratio: 1.00 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 2.73 Failed ⁵
Hex(D10003)	Ratio: 2.74 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 3.33 AA 18pt ²	Ratio: 2.73 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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