

Converting Colors - WCAG Matrix

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

Hex(484144) Hex(5E5358) Hex(484141) Hex(242022) Hex(63002B) Hex(E30061)

	Hex(484144)	Hex(5E5358)	Hex(484141)	Hex(242022)	Hex(63002B)	Hex(E30061)
Hex(484144)		Ratio: 1.35 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 2.10 Failed ⁵
Hex(5E5358)	Ratio: 1.35 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.56 Failed ⁵
Hex(484141)	Ratio: 1.00 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.62 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 2.11 Failed ⁵
Hex(242022)	Ratio: 1.62 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 1.62 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 3.40 AA 18pt ²
Hex(63002B)	Ratio: 1.35 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 2.84 Failed ⁵
Hex(E30061)	Ratio: 2.10 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 3.40 AA 18pt ²	Ratio: 2.84 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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