

Converting Colors - WCAG Matrix

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

Hex(424041) Hex(575254) Hex(404242) Hex(211F20) Hex(610020) Hex(E0004B)

	Hex(424041)	Hex(575254)	Hex(404242)	Hex(211F20)	Hex(610020)	Hex(E0004B)
Hex(424041)		Ratio: 1.34 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 2.09 Failed ⁵
Hex(575254)	Ratio: 1.34 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.56 Failed ⁵
Hex(404242)	Ratio: 1.02 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.62 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 2.06 Failed ⁵
Hex(211F20)	Ratio: 1.59 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.62 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 3.33 AA 18pt ²
Hex(610020)	Ratio: 1.33 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 2.79 Failed ⁵
Hex(E0004B)	Ratio: 2.09 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 3.33 AA 18pt ²	Ratio: 2.79 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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