

Converting Colors - WCAG Matrix

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

Hex(6B5054) Hex(8C6267) Hex(616B50) Hex(363031) Hex(75000E) Hex(F5001D)

	Hex(6B5054)	Hex(8C6267)	Hex(616B50)	Hex(363031)	Hex(75000E)	Hex(F5001D)
Hex(6B5054)		Ratio: 1.40 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.69 Failed ⁵
Hex(8C6267)	Ratio: 1.40 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 1.21 Failed ⁵
Hex(616B50)	Ratio: 1.28 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 2.30 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 1.31 Failed ⁵
Hex(363031)	Ratio: 1.79 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 2.30 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 3.02 AA 18pt ²
Hex(75000E)	Ratio: 1.65 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 2.78 Failed ⁵
Hex(F5001D)	Ratio: 1.69 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 3.02 AA 18pt ²	Ratio: 2.78 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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