

Converting Colors - WCAG Matrix

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

Hex(6B4D52) Hex(8C5D65) Hex(4D626B) Hex(363031) Hex(750015) Hex(F5002C)

	Hex(6B4D52)	Hex(8C5D65)	Hex(4D626B)	Hex(363031)	Hex(750015)	Hex(F5002C)
Hex(6B4D52)		Ratio: 1.38 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.75 Failed ⁵
Hex(8C5D65)	Ratio: 1.38 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 1.27 Failed ⁵
Hex(4D626B)	Ratio: 1.17 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 2.02 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.50 Failed ⁵
Hex(363031)	Ratio: 1.73 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 2.02 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 3.03 AA 18pt ²
Hex(750015)	Ratio: 1.59 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 2.78 Failed ⁵
Hex(F5002C)	Ratio: 1.75 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 3.03 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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