

Converting Colors - WCAG Matrix

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

Hex(630F2A) Hex(80606A) Hex(470F63) Hex(402D33) Hex(BFBFBF) Hex(404040)

	Hex(630F2A)	Hex(80606A)	Hex(470F63)	Hex(402D33)	Hex(BFBFBF)	Hex(404040)
Hex(630F2A)		Ratio: 2.33 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 7.00 Passed ⁶	Ratio: 1.24 Failed ⁵
Hex(80606A)	Ratio: 2.33 Failed ⁵		Ratio: 2.51 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 3.01 AA 18pt ²	Ratio: 1.88 Failed ⁵
Hex(470F63)	Ratio: 1.08 Failed ⁵	Ratio: 2.51 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 7.53 Passed ⁶	Ratio: 1.34 Failed ⁵
Hex(402D33)	Ratio: 1.01 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 6.96 AA ¹ AAA 18pt ⁴	Ratio: 1.23 Failed ⁵
Hex(BFBFBF)	Ratio: 7.00 Passed ⁶	Ratio: 3.01 AA 18pt ²	Ratio: 7.53 Passed ⁶	Ratio: 6.96 AA ¹ AAA 18pt ⁴		Ratio: 5.64 AA ¹ AAA 18pt ⁴
Hex(404040)	Ratio: 1.24 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 5.64 AA ¹ AAA 18pt ⁴	

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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