

Converting Colors - WCAG Matrix

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

Hex(605D5D) Hex(7D7C7C) Hex(605D60) Hex(403F3F) Hex(BFBFBF) Hex(404040)

	Hex(605D5D)	Hex(7D7C7C)	Hex(605D60)	Hex(403F3F)	Hex(BFBFBF)	Hex(404040)
Hex(605D5D)		Ratio: 1.57 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 3.55 AA 18pt ²	Ratio: 1.59 Failed ⁵
Hex(7D7C7C)	Ratio: 1.57 Failed ⁵		Ratio: 1.56 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 2.49 Failed ⁵
Hex(605D60)	Ratio: 1.00 Failed ⁵	Ratio: 1.56 Failed ⁵		Ratio: 1.62 Failed ⁵	Ratio: 3.53 AA 18pt ²	Ratio: 1.60 Failed ⁵
Hex(403F3F)	Ratio: 1.61 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 1.62 Failed ⁵		Ratio: 5.71 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(BFBFBF)	Ratio: 3.55 AA 18pt ²	Ratio: 2.26 Failed ⁵	Ratio: 3.53 AA 18pt ²	Ratio: 5.71 AA ¹ AAA 18pt ⁴		Ratio: 5.64 AA ¹ AAA 18pt ⁴
Hex(404040)	Ratio: 1.59 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.01 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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