

Converting Colors - WCAG Matrix

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

Hex(5F545A) Hex(7D787B) Hex(59545F) Hex(403D3E) Hex(BFBFBF) Hex(404040)

	Hex(5F545A)	Hex(7D787B)	Hex(59545F)	Hex(403D3E)	Hex(BFBFBF)	Hex(404040)
Hex(5F545A)		Ratio: 1.67 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 1.43 Failed ⁵
Hex(7D787B)	Ratio: 1.67 Failed ⁵		Ratio: 1.69 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 2.39 Failed ⁵
Hex(59545F)	Ratio: 1.02 Failed ⁵	Ratio: 1.69 Failed ⁵		Ratio: 1.46 Failed ⁵	Ratio: 4.00 AA 18pt ²	Ratio: 1.41 Failed ⁵
Hex(403D3E)	Ratio: 1.48 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 1.46 Failed ⁵		Ratio: 5.84 AA ¹ AAA 18pt ⁴	Ratio: 1.04 Failed ⁵
Hex(BFBFBF)	Ratio: 3.93 AA 18pt ²	Ratio: 2.36 Failed ⁵	Ratio: 4.00 AA 18pt ²	Ratio: 5.84 AA ¹ AAA 18pt ⁴		Ratio: 5.64 AA ¹ AAA 18pt ⁴
Hex(404040)	Ratio: 1.43 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.04 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.

This PDF was generated on convertingcolors.com.