

Converting Colors - WCAG Matrix

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

Hex(5C5C60) Hex(77777D) Hex(5E5C60) Hex(2E2E30) Hex(000070) Hex(0000F0)

	Hex(5C5C60)	Hex(77777D)	Hex(5E5C60)	Hex(2E2E30)	Hex(000070)	Hex(0000F0)
Hex(5C5C60)		Ratio: 1.50 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 1.40 Failed ⁵
Hex(77777D)	Ratio: 1.50 Failed ⁵		Ratio: 1.49 Failed ⁵	Ratio: 3.05 AA 18pt ²	Ratio: 3.82 AA 18pt ²	Ratio: 2.09 Failed ⁵
Hex(5E5C60)	Ratio: 1.01 Failed ⁵	Ratio: 1.49 Failed ⁵		Ratio: 2.05 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 1.41 Failed ⁵
Hex(2E2E30)	Ratio: 2.04 Failed ⁵	Ratio: 3.05 AA 18pt ²	Ratio: 2.05 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 1.46 Failed ⁵
Hex(000070)	Ratio: 2.56 Failed ⁵	Ratio: 3.82 AA 18pt ²	Ratio: 2.57 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 1.83 Failed ⁵
Hex(0000F0)	Ratio: 1.40 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.83 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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