

Converting Colors - WCAG Matrix

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

Hex(3E2085) Hex(9186AD) Hex(206885) Hex(463E57) Hex(D6D6D6) Hex(575757)

	Hex(3E2085)	Hex(9186AD)	Hex(206885)	Hex(463E57)	Hex(D6D6D6)	Hex(575757)
Hex(3E2085)		Ratio: 3.55 AA 18pt ²	Ratio: 1.93 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 8.26 Passed ⁶	Ratio: 1.66 Failed ⁵
Hex(9186AD)	Ratio: 3.55 AA 18pt ²		Ratio: 1.84 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 2.14 Failed ⁵
Hex(206885)	Ratio: 1.93 Failed ⁵	Ratio: 1.84 Failed ⁵		Ratio: 1.62 Failed ⁵	Ratio: 4.27 AA 18pt ²	Ratio: 1.16 Failed ⁵
Hex(463E57)	Ratio: 1.19 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 1.62 Failed ⁵		Ratio: 6.92 AA ¹ AAA 18pt ⁴	Ratio: 1.39 Failed ⁵
Hex(D6D6D6)	Ratio: 8.26 Passed ⁶	Ratio: 2.32 Failed ⁵	Ratio: 4.27 AA 18pt ²	Ratio: 6.92 AA ¹ AAA 18pt ⁴		Ratio: 4.97 AA ¹ AAA 18pt ⁴
Hex(575757)	Ratio: 1.66 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 4.97 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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