

Converting Colors - WCAG Matrix

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

Hex(33338E) Hex(9595B8) Hex(338E8E) Hex(47475C) Hex(DBDBDB) Hex(5C5C5C)

	Hex(33338E)	Hex(9595B8)	Hex(338E8E)	Hex(47475C)	Hex(DBDBDB)	Hex(5C5C5C)
Hex(33338E)		Ratio: 3.63 AA 18pt ²	Ratio: 2.69 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 7.57 Passed ⁶	Ratio: 1.57 Failed ⁵
Hex(9595B8)	Ratio: 3.63 AA 18pt ²		Ratio: 1.35 Failed ⁵	Ratio: 3.13 AA 18pt ²	Ratio: 2.09 Failed ⁵	Ratio: 2.31 Failed ⁵
Hex(338E8E)	Ratio: 2.69 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 2.32 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 1.72 Failed ⁵
Hex(47475C)	Ratio: 1.16 Failed ⁵	Ratio: 3.13 AA 18pt ²	Ratio: 2.32 Failed ⁵		Ratio: 6.53 AA ¹ AAA 18pt ⁴	Ratio: 1.35 Failed ⁵
Hex(DBDBDB)	Ratio: 7.57 Passed ⁶	Ratio: 2.09 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 6.53 AA ¹ AAA 18pt ⁴		Ratio: 4.83 AA ¹ AAA 18pt ⁴
Hex(5C5C5C)	Ratio: 1.57 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 4.83 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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