

Converting Colors - WCAG Matrix

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

Hex(384A8D) Hex(979EB8) Hex(388D7A) Hex(484C5C) Hex(DBDBDB) Hex(5C5C5C)

	Hex(384A8D)	Hex(979EB8)	Hex(388D7A)	Hex(484C5C)	Hex(DBDBDB)	Hex(5C5C5C)
Hex(384A8D)		Ratio: 3.12 AA 18pt ²	Ratio: 2.08 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 5.99 AA ¹ AAA 18pt ⁴	Ratio: 1.24 Failed ⁵
Hex(979EB8)	Ratio: 3.12 AA 18pt ²		Ratio: 1.50 Failed ⁵	Ratio: 3.21 AA 18pt ²	Ratio: 1.92 Failed ⁵	Ratio: 2.52 Failed ⁵
Hex(388D7A)	Ratio: 2.08 Failed ⁵	Ratio: 1.50 Failed ⁵		Ratio: 2.13 Failed ⁵	Ratio: 2.88 Failed ⁵	Ratio: 1.67 Failed ⁵
Hex(484C5C)	Ratio: 1.03 Failed ⁵	Ratio: 3.21 AA 18pt ²	Ratio: 2.13 Failed ⁵		Ratio: 6.16 AA ¹ AAA 18pt ⁴	Ratio: 1.27 Failed ⁵
Hex(DBDBDB)	Ratio: 5.99 AA ¹ AAA 18pt ⁴	Ratio: 1.92 Failed ⁵	Ratio: 2.88 Failed ⁵	Ratio: 6.16 AA ¹ AAA 18pt ⁴		Ratio: 4.83 AA ¹ AAA 18pt ⁴
Hex(5C5C5C)	Ratio: 1.24 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.27 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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