

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(8063B2) Hex(D5CAE8) Hex(6395B2) Hex(6A6375) Hex(F5F5F5) Hex(757575)

	Hex(8063B2)	Hex(D5CAE8)	Hex(6395B2)	Hex(6A6375)	Hex(F5F5F5)	Hex(757575)
Hex(8063B2)		Ratio: 3.09 AA 18pt ²	Ratio: 1.49 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 4.43 AA 18pt ²	Ratio: 1.05 Failed ⁵
Hex(D5CAE8)	Ratio: 3.09 AA 18pt ²		Ratio: 2.08 Failed ⁵	Ratio: 3.68 AA 18pt ²	Ratio: 1.43 Failed ⁵	Ratio: 2.95 Failed ⁵
Hex(6395B2)	Ratio: 1.49 Failed ⁵	Ratio: 2.08 Failed ⁵		Ratio: 1.77 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 1.42 Failed ⁵
Hex(6A6375)	Ratio: 1.19 Failed ⁵	Ratio: 3.68 AA 18pt ²	Ratio: 1.77 Failed ⁵		Ratio: 5.27 AA ¹ AAA 18pt ⁴	Ratio: 1.25 Failed ⁵
Hex(F5F5F5)	Ratio: 4.43 AA 18pt ²	Ratio: 1.43 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 5.27 AA ¹ AAA 18pt ⁴		Ratio: 4.23 AA 18pt ²
Hex(757575)	Ratio: 1.05 Failed ⁵	Ratio: 2.95 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 4.23 AA 18pt ²	

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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