

Converting Colors - WCAG Matrix

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

Hex(928EB5) Hex(B4AE EB) Hex(A58EB5) Hex(515059) Hex(100099) Hex(03001A)

	Hex(928EB5)	Hex(B4AE EB)	Hex(A58EB5)	Hex(515059)	Hex(100099)	Hex(03001A)
Hex(928EB5)		Ratio: 1.51 Failed⁵	Ratio: 1.06 Failed⁵	Ratio: 2.56 Failed⁵	Ratio: 4.56 AA¹ AAA 18pt⁴	Ratio: 6.63 AA¹ AAA 18pt⁴
Hex(B4AE EB)	Ratio: 1.51 Failed⁵		Ratio: 1.43 Failed⁵	Ratio: 3.86 AA 18pt²	Ratio: 6.88 AA¹ AAA 18pt⁴	Ratio: 10.01 Passed⁶
Hex(A58EB5)	Ratio: 1.06 Failed⁵	Ratio: 1.43 Failed⁵		Ratio: 2.70 Failed⁵	Ratio: 4.82 AA¹ AAA 18pt⁴	Ratio: 7.00 Passed⁶
Hex(515059)	Ratio: 2.56 Failed⁵	Ratio: 3.86 AA 18pt²	Ratio: 2.70 Failed⁵		Ratio: 1.78 Failed⁵	Ratio: 2.59 Failed⁵
Hex(100099)	Ratio: 4.56 AA¹ AAA 18pt⁴	Ratio: 6.88 AA¹ AAA 18pt⁴	Ratio: 4.82 AA¹ AAA 18pt⁴	Ratio: 1.78 Failed⁵		Ratio: 1.45 Failed⁵
Hex(03001A)	Ratio: 6.63 AA¹ AAA 18pt⁴	Ratio: 10.01 Passed⁶	Ratio: 7.00 Passed⁶	Ratio: 2.59 Failed⁵	Ratio: 1.45 Failed⁵	

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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