

Converting Colors - WCAG Matrix

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

Hex(154AD1) Hex(BACEFF) Hex(15D19C) Hex(576280) Hex(000000) Hex(808080)

	Hex(154AD1)	Hex(BACEFF)	Hex(15D19C)	Hex(576280)	Hex(000000)	Hex(808080)
Hex(154AD1)		Ratio: 4.56 AA ¹ AAA 18pt ⁴	Ratio: 3.63 AA 18pt ²	Ratio: 1.18 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 1.81 Failed ⁵
Hex(BACEFF)	Ratio: 4.56 AA ¹ AAA 18pt ⁴		Ratio: 1.26 Failed ⁵	Ratio: 3.86 AA 18pt ²	Ratio: 13.36 Passed ⁶	Ratio: 2.51 Failed ⁵
Hex(15D19C)	Ratio: 3.63 AA 18pt ²	Ratio: 1.26 Failed ⁵		Ratio: 3.07 AA 18pt ²	Ratio: 10.63 Passed ⁶	Ratio: 2.00 Failed ⁵
Hex(576280)	Ratio: 1.18 Failed ⁵	Ratio: 3.86 AA 18pt ²	Ratio: 3.07 AA 18pt ²		Ratio: 3.46 AA 18pt ²	Ratio: 1.53 Failed ⁵
Hex(000000)	Ratio: 2.93 Failed ⁵	Ratio: 13.36 Passed ⁶	Ratio: 10.63 Passed ⁶	Ratio: 3.46 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.81 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 5.32 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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