

Converting Colors - WCAG Matrix

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

Hex(6539D1) Hex(451FB5) Hex(1F0099) Hex(00007E) Hex(000000)

	Hex(6539D1)	Hex(451FB5)	Hex(1F0099)	Hex(00007E)	Hex(000000)
Hex(6539D1)		Ratio: 1.45 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 3.06 AA 18pt ²
Hex(451FB5)	Ratio: 1.45 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 2.12 Failed ⁵
Hex(1F0099)	Ratio: 2.02 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.52 Failed ⁵
Hex(00007E)	Ratio: 2.35 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.30 Failed ⁵
Hex(000000)	Ratio: 3.06 AA 18pt ²	Ratio: 2.12 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.30 Failed ⁵	

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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