

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(6A000B) Hex(8A000E) Hex(6A2900) Hex(363031) Hex(75000C) Hex(F50019)

	Hex(6A000B)	Hex(8A000E)	Hex(6A2900)	Hex(363031)	Hex(75000C)	Hex(F50019)
Hex(6A000B)		Ratio: 1.29 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 3.03 AA 18pt ²
Hex(8A000E)	Ratio: 1.29 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 2.35 Failed ⁵
Hex(6A2900)	Ratio: 1.19 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 2.54 Failed ⁵
Hex(363031)	Ratio: 1.00 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 3.02 AA 18pt ²
Hex(75000C)	Ratio: 1.09 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 2.78 Failed ⁵
Hex(F50019)	Ratio: 3.03 AA 18pt ²	Ratio: 2.35 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 3.02 AA 18pt ²	Ratio: 2.78 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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