

Converting Colors - WCAG Matrix

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

Hex(3D1610) Hex(4F403E) Hex(3D1037) Hex(29201E) Hex(A8A8A8) Hex(292929)

	Hex(3D1610)	Hex(4F403E)	Hex(3D1037)	Hex(29201E)	Hex(A8A8A8)	Hex(292929)
Hex(3D1610)		Ratio: 1.62 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 6.69 AA ¹ AAA 18pt ⁴	Ratio: 1.09 Failed ⁵
Hex(4F403E)	Ratio: 1.62 Failed ⁵		Ratio: 1.61 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 4.14 AA 18pt ²	Ratio: 1.48 Failed ⁵
Hex(3D1037)	Ratio: 1.01 Failed ⁵	Ratio: 1.61 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 6.65 AA ¹ AAA 18pt ⁴	Ratio: 1.09 Failed ⁵
Hex(29201E)	Ratio: 1.00 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 6.69 AA ¹ AAA 18pt ⁴	Ratio: 1.09 Failed ⁵
Hex(A8A8A8)	Ratio: 6.69 AA ¹ AAA 18pt ⁴	Ratio: 4.14 AA 18pt ²	Ratio: 6.65 AA ¹ AAA 18pt ⁴	Ratio: 6.69 AA ¹ AAA 18pt ⁴		Ratio: 6.12 AA ¹ AAA 18pt ⁴
Hex(292929)	Ratio: 1.09 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 6.12 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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