

Converting Colors - WCAG Matrix

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

Hex(040000) Hex(050404) Hex(040004) Hex(030202) Hex(828282) Hex(030303)

	Hex(040000)	Hex(050404)	Hex(040004)	Hex(030202)	Hex(828282)	Hex(030303)
Hex(040000)		Ratio: 1.02 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 5.44 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(050404)	Ratio: 1.02 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 5.33 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(040004)	Ratio: 1.00 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 5.43 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(030202)	Ratio: 1.01 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 5.39 AA ¹ AAA 18pt ⁴	Ratio: 1.00 Failed ⁵
Hex(828282)	Ratio: 5.44 AA ¹ AAA 18pt ⁴	Ratio: 5.33 AA ¹ AAA 18pt ⁴	Ratio: 5.43 AA ¹ AAA 18pt ⁴	Ratio: 5.39 AA ¹ AAA 18pt ⁴		Ratio: 5.37 AA ¹ AAA 18pt ⁴
Hex(030303)	Ratio: 1.01 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 5.37 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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