

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(677757) Hex(4F5E40) Hex(374729) Hex(213014) Hex(0D1C00) Hex(000000)

	Hex(677757)	Hex(4F5E40)	Hex(374729)	Hex(213014)	Hex(0D1C00)	Hex(000000)
Hex(677757)		Ratio: 1.45 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 3.68 AA 18pt ²	Ratio: 4.35 AA 18pt ²
Hex(4F5E40)	Ratio: 1.45 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 3.01 AA 18pt ²
Hex(374729)	Ratio: 2.08 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.10 Failed ⁵
Hex(213014)	Ratio: 2.91 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.50 Failed ⁵
Hex(0D1C00)	Ratio: 3.68 AA 18pt ²	Ratio: 2.54 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.18 Failed ⁵
Hex(000000)	Ratio: 4.35 AA 18pt ²	Ratio: 3.01 AA 18pt ²	Ratio: 2.10 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.18 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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