

Converting Colors - WCAG Matrix

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

	Hex(121314)	Hex(101114)	Hex(0E1014)	Hex(0C0E14)	Hex(0A0D14)	Hex(080B14)	Hex(060A14)	Hex(040814)	Hex(020714)	Hex(000514)
Hex(121314)		Ratio: 1.01 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.09 Failed ⁵
Hex(101114)	Ratio: 1.01 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.08 Failed ⁵
Hex(0E1014)	Ratio: 1.02 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.07 Failed ⁵
Hex(0C0E14)	Ratio: 1.04 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.06 Failed ⁵
Hex(0A0D14)	Ratio: 1.04 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.05 Failed ⁵
Hex(080B14)	Ratio: 1.06 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.04 Failed ⁵
Hex(060A14)	Ratio: 1.06 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(040814)	Ratio: 1.08 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.02 Failed ⁵
Hex(020714)	Ratio: 1.08 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(000514)	Ratio: 1.09 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.01 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.