

Converting Colors - WCAG Matrix

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

	Hex(666666)	Hex(667067)	Hex(667A68)	Hex(668469)	Hex(668E6A)	Hex(66986C)	Hex(66A26D)	Hex(66AD6E)	Hex(66B76F)	Hex(66C171)
Hex(666666)		Ratio: 1.12 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 2.58 Failed ⁵
Hex(667067)	Ratio: 1.12 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 2.31 Failed ⁵
Hex(667A68)	Ratio: 1.24 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.07 Failed ⁵
Hex(668469)	Ratio: 1.39 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.86 Failed ⁵
Hex(668E6A)	Ratio: 1.54 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.67 Failed ⁵
Hex(66986C)	Ratio: 1.72 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.50 Failed ⁵
Hex(66A26D)	Ratio: 1.90 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.36 Failed ⁵
Hex(66AD6E)	Ratio: 2.12 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.21 Failed ⁵
Hex(66B76F)	Ratio: 2.34 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.10 Failed ⁵
Hex(66C171)	Ratio: 2.58 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.10 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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