

# Converting Colors - WCAG Matrix

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

	Hex(766954)	Hex(766448)	Hex(76603D)	Hex(765B31)	Hex(765725)	Hex(765219)	Hex(764E0D)	Hex(764902)	Hex(764900)
Hex(766954)		Ratio: 1.06 Failed <sup>5</sup>	Ratio: 1.12 Failed <sup>5</sup>	Ratio: 1.18 Failed <sup>5</sup>	Ratio: 1.24 Failed <sup>5</sup>	Ratio: 1.31 Failed <sup>5</sup>	Ratio: 1.37 Failed <sup>5</sup>	Ratio: 1.44 Failed <sup>5</sup>	Ratio: 1.44 Failed <sup>5</sup>
Hex(766448)	Ratio: 1.06 Failed <sup>5</sup>		Ratio: 1.05 Failed <sup>5</sup>	Ratio: 1.11 Failed <sup>5</sup>	Ratio: 1.17 Failed <sup>5</sup>	Ratio: 1.23 Failed <sup>5</sup>	Ratio: 1.29 Failed <sup>5</sup>	Ratio: 1.35 Failed <sup>5</sup>	Ratio: 1.35 Failed <sup>5</sup>
Hex(76603D)	Ratio: 1.12 Failed <sup>5</sup>	Ratio: 1.05 Failed <sup>5</sup>		Ratio: 1.06 Failed <sup>5</sup>	Ratio: 1.11 Failed <sup>5</sup>	Ratio: 1.17 Failed <sup>5</sup>	Ratio: 1.23 Failed <sup>5</sup>	Ratio: 1.29 Failed <sup>5</sup>	Ratio: 1.29 Failed <sup>5</sup>
Hex(765B31)	Ratio: 1.18 Failed <sup>5</sup>	Ratio: 1.11 Failed <sup>5</sup>	Ratio: 1.06 Failed <sup>5</sup>		Ratio: 1.05 Failed <sup>5</sup>	Ratio: 1.11 Failed <sup>5</sup>	Ratio: 1.16 Failed <sup>5</sup>	Ratio: 1.22 Failed <sup>5</sup>	Ratio: 1.22 Failed <sup>5</sup>
Hex(765725)	Ratio: 1.24 Failed <sup>5</sup>	Ratio: 1.17 Failed <sup>5</sup>	Ratio: 1.11 Failed <sup>5</sup>	Ratio: 1.05 Failed <sup>5</sup>		Ratio: 1.06 Failed <sup>5</sup>	Ratio: 1.10 Failed <sup>5</sup>	Ratio: 1.16 Failed <sup>5</sup>	Ratio: 1.16 Failed <sup>5</sup>
Hex(765219)	Ratio: 1.31 Failed <sup>5</sup>	Ratio: 1.23 Failed <sup>5</sup>	Ratio: 1.17 Failed <sup>5</sup>	Ratio: 1.11 Failed <sup>5</sup>	Ratio: 1.06 Failed <sup>5</sup>		Ratio: 1.04 Failed <sup>5</sup>	Ratio: 1.10 Failed <sup>5</sup>	Ratio: 1.10 Failed <sup>5</sup>
Hex(764E0D)	Ratio: 1.37 Failed <sup>5</sup>	Ratio: 1.29 Failed <sup>5</sup>	Ratio: 1.23 Failed <sup>5</sup>	Ratio: 1.16 Failed <sup>5</sup>	Ratio: 1.10 Failed <sup>5</sup>	Ratio: 1.04 Failed <sup>5</sup>		Ratio: 1.05 Failed <sup>5</sup>	Ratio: 1.05 Failed <sup>5</sup>
Hex(764902)	Ratio: 1.44 Failed <sup>5</sup>	Ratio: 1.35 Failed <sup>5</sup>	Ratio: 1.29 Failed <sup>5</sup>	Ratio: 1.22 Failed <sup>5</sup>	Ratio: 1.16 Failed <sup>5</sup>	Ratio: 1.10 Failed <sup>5</sup>	Ratio: 1.05 Failed <sup>5</sup>		Ratio: 1.00 Failed <sup>5</sup>
Hex(764900)	Ratio: 1.44 Failed <sup>5</sup>	Ratio: 1.35 Failed <sup>5</sup>	Ratio: 1.29 Failed <sup>5</sup>	Ratio: 1.22 Failed <sup>5</sup>	Ratio: 1.16 Failed <sup>5</sup>	Ratio: 1.10 Failed <sup>5</sup>	Ratio: 1.05 Failed <sup>5</sup>	Ratio: 1.00 Failed <sup>5</sup>	

Details can be found at <https://www.w3.org/TR/WCAG20/>.

<sup>1</sup> AA

AA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

<sup>2</sup> AA 18pt

AA level for large text above 18pt.

<sup>3</sup> AAA

AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

<sup>4</sup> AAA 18pt

AAA level for large text above 18pt.

<sup>5</sup> Failed

Fails to comply with the Web Content Accessibility Guidelines (WCAG) 2.0.

<sup>6</sup> Passed

Passes the AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for all text sizes.

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