

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(480064) Hex(775B82) Hex(001C64) Hex(3C2A42) Hex(C2C2C2) Hex(424242)**

	Hex(480064)	Hex(775B82)	Hex(001C64)	Hex(3C2A42)	Hex(C2C2C2)	Hex(424242)
Hex(480064)		Ratio: 2.47 Failed <sup>5</sup>	Ratio: 1.08 Failed <sup>5</sup>	Ratio: 1.10 Failed <sup>5</sup>	Ratio: 8.08 Passed <sup>6</sup>	Ratio: 1.43 Failed <sup>5</sup>
Hex(775B82)	Ratio: 2.47 Failed <sup>5</sup>		Ratio: 2.67 Failed <sup>5</sup>	Ratio: 2.25 Failed <sup>5</sup>	Ratio: 3.27 AA 18pt <sup>2</sup>	Ratio: 1.72 Failed <sup>5</sup>
Hex(001C64)	Ratio: 1.08 Failed <sup>5</sup>	Ratio: 2.67 Failed <sup>5</sup>		Ratio: 1.19 Failed <sup>5</sup>	Ratio: 8.73 Passed <sup>6</sup>	Ratio: 1.55 Failed <sup>5</sup>
Hex(3C2A42)	Ratio: 1.10 Failed <sup>5</sup>	Ratio: 2.25 Failed <sup>5</sup>	Ratio: 1.19 Failed <sup>5</sup>		Ratio: 7.36 Passed <sup>6</sup>	Ratio: 1.30 Failed <sup>5</sup>
Hex(C2C2C2)	Ratio: 8.08 Passed <sup>6</sup>	Ratio: 3.27 AA 18pt <sup>2</sup>	Ratio: 8.73 Passed <sup>6</sup>	Ratio: 7.36 Passed <sup>6</sup>		Ratio: 5.64 AA <sup>1</sup> AAA 18pt <sup>4</sup>
Hex(424242)	Ratio: 1.43 Failed <sup>5</sup>	Ratio: 1.72 Failed <sup>5</sup>	Ratio: 1.55 Failed <sup>5</sup>	Ratio: 1.30 Failed <sup>5</sup>	Ratio: 5.64 AA <sup>1</sup> AAA 18pt <sup>4</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.

This PDF was generated on [convertingcolors.com](http://convertingcolors.com).