

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(847676) Hex(AB9595) Hex(7D8476) Hex(423C3C) Hex(820000) Hex(030000)**

	Hex(847676)	Hex(AB9595)	Hex(7D8476)	Hex(423C3C)	Hex(820000)	Hex(030000)
Hex(847676)		Ratio: 1.54 Failed <sup>5</sup>	Ratio: 1.12 Failed <sup>5</sup>	Ratio: 2.49 Failed <sup>5</sup>	Ratio: 2.48 Failed <sup>5</sup>	Ratio: 4.82 AA <sup>1</sup> AAA 18pt <sup>4</sup>
Hex(AB9595)	Ratio: 1.54 Failed <sup>5</sup>		Ratio: 1.37 Failed <sup>5</sup>	Ratio: 3.84 AA 18pt <sup>2</sup>	Ratio: 3.83 AA 18pt <sup>2</sup>	Ratio: 7.44 Passed <sup>6</sup>
Hex(7D8476)	Ratio: 1.12 Failed <sup>5</sup>	Ratio: 1.37 Failed <sup>5</sup>		Ratio: 2.80 Failed <sup>5</sup>	Ratio: 2.79 Failed <sup>5</sup>	Ratio: 5.41 AA <sup>1</sup> AAA 18pt <sup>4</sup>
Hex(423C3C)	Ratio: 2.49 Failed <sup>5</sup>	Ratio: 3.84 AA 18pt <sup>2</sup>	Ratio: 2.80 Failed <sup>5</sup>		Ratio: 1.00 Failed <sup>5</sup>	Ratio: 1.94 Failed <sup>5</sup>
Hex(820000)	Ratio: 2.48 Failed <sup>5</sup>	Ratio: 3.83 AA 18pt <sup>2</sup>	Ratio: 2.79 Failed <sup>5</sup>	Ratio: 1.00 Failed <sup>5</sup>		Ratio: 1.94 Failed <sup>5</sup>
Hex(030000)	Ratio: 4.82 AA <sup>1</sup> AAA 18pt <sup>4</sup>	Ratio: 7.44 Passed <sup>6</sup>	Ratio: 5.41 AA <sup>1</sup> AAA 18pt <sup>4</sup>	Ratio: 1.94 Failed <sup>5</sup>	Ratio: 1.94 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.

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