

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(78855D) Hex(9AAD6F) Hex(64855D) Hex(40423C) Hex(598200) Hex(020300)**

	Hex(78855D)	Hex(9AAD6F)	Hex(64855D)	Hex(40423C)	Hex(598200)	Hex(020300)
Hex(78855D)		<a href="#">Ratio: 1.62</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.05</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 2.58</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.15</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 5.23</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>
Hex(9AAD6F)	<a href="#">Ratio: 1.62</a> <a href="#">Failed</a> <sup>5</sup>		<a href="#">Ratio: 1.70</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 4.16</a> <a href="#">AA 18pt</a> <sup>2</sup>	<a href="#">Ratio: 1.86</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 8.45</a> <a href="#">Passed</a> <sup>6</sup>
Hex(64855D)	<a href="#">Ratio: 1.05</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.70</a> <a href="#">Failed</a> <sup>5</sup>		<a href="#">Ratio: 2.45</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.09</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 4.98</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>
Hex(40423C)	<a href="#">Ratio: 2.58</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 4.16</a> <a href="#">AA 18pt</a> <sup>2</sup>	<a href="#">Ratio: 2.45</a> <a href="#">Failed</a> <sup>5</sup>		<a href="#">Ratio: 2.24</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 2.03</a> <a href="#">Failed</a> <sup>5</sup>
Hex(598200)	<a href="#">Ratio: 1.15</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.86</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.09</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 2.24</a> <a href="#">Failed</a> <sup>5</sup>		<a href="#">Ratio: 4.55</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>
Hex(020300)	<a href="#">Ratio: 5.23</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>	<a href="#">Ratio: 8.45</a> <a href="#">Passed</a> <sup>6</sup>	<a href="#">Ratio: 4.98</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>	<a href="#">Ratio: 2.03</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 4.55</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <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.

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