

# Converting Colors - WCAG Matrix

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

**Hex(78776E) Hex(FFFFFF) Hex(ACABA2) Hex(C8C7BD) Hex(E4E3D8) Hex(FFFFF5)**

	Hex(78776E)	Hex(FFFFFF)	Hex(ACABA2)	Hex(C8C7BD)	Hex(E4E3D8)	Hex(FFFFF5)
Hex(78776E)		<a href="#">Ratio: 4.50</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>	<a href="#">Ratio: 1.95</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 2.65</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 3.49</a> <a href="#">AA 18pt</a> <sup>2</sup>	<a href="#">Ratio: 4.48</a> <a href="#">AA 18pt</a> <sup>2</sup>
Hex(FFFFFF)	<a href="#">Ratio: 4.50</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>		<a href="#">Ratio: 2.31</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.70</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.29</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.01</a> <a href="#">Failed</a> <sup>5</sup>
Hex(ACABA2)	<a href="#">Ratio: 1.95</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 2.31</a> <a href="#">Failed</a> <sup>5</sup>		<a href="#">Ratio: 1.36</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.79</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 2.29</a> <a href="#">Failed</a> <sup>5</sup>
Hex(C8C7BD)	<a href="#">Ratio: 2.65</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.70</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.36</a> <a href="#">Failed</a> <sup>5</sup>		<a href="#">Ratio: 1.32</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.69</a> <a href="#">Failed</a> <sup>5</sup>
Hex(E4E3D8)	<a href="#">Ratio: 3.49</a> <a href="#">AA 18pt</a> <sup>2</sup>	<a href="#">Ratio: 1.29</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.79</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.32</a> <a href="#">Failed</a> <sup>5</sup>		<a href="#">Ratio: 1.28</a> <a href="#">Failed</a> <sup>5</sup>
Hex(FFFFF5)	<a href="#">Ratio: 4.48</a> <a href="#">AA 18pt</a> <sup>2</sup>	<a href="#">Ratio: 1.01</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 2.29</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.69</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.28</a> <a href="#">Failed</a> <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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