

# Converting Colors - WCAG Matrix

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

**Hex(DAC9C6) Hex(FFF9F7) Hex(DAC6D7) Hex(807B7A) Hex(FFFFFF) Hex(808080)**

	Hex(DAC9C6)	Hex(FFF9F7)	Hex(DAC6D7)	Hex(807B7A)	Hex(FFFFFF)	Hex(808080)
Hex(DAC9C6)		<a href="#">Ratio: 1.53</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.01</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 2.61</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.60</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 2.47</a> <a href="#">Failed</a> <sup>5</sup>
Hex(FFF9F7)	<a href="#">Ratio: 1.53</a> <a href="#">Failed</a> <sup>5</sup>		<a href="#">Ratio: 1.54</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 4.00</a> <a href="#">AA 18pt</a> <sup>2</sup>	<a href="#">Ratio: 1.04</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 3.79</a> <a href="#">AA 18pt</a> <sup>2</sup>
Hex(DAC6D7)	<a href="#">Ratio: 1.01</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.54</a> <a href="#">Failed</a> <sup>5</sup>		<a href="#">Ratio: 2.59</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.61</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 2.45</a> <a href="#">Failed</a> <sup>5</sup>
Hex(807B7A)	<a href="#">Ratio: 2.61</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 4.00</a> <a href="#">AA 18pt</a> <sup>2</sup>	<a href="#">Ratio: 2.59</a> <a href="#">Failed</a> <sup>5</sup>		<a href="#">Ratio: 4.17</a> <a href="#">AA 18pt</a> <sup>2</sup>	<a href="#">Ratio: 1.06</a> <a href="#">Failed</a> <sup>5</sup>
Hex(FFFFFF)	<a href="#">Ratio: 1.60</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.04</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.61</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 4.17</a> <a href="#">AA 18pt</a> <sup>2</sup>		<a href="#">Ratio: 3.95</a> <a href="#">AA 18pt</a> <sup>2</sup>
Hex(808080)	<a href="#">Ratio: 2.47</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 3.79</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: 1.06</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 3.95</a> <a href="#">AA 18pt</a> <sup>2</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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