

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(A8819A) Hex(DBCCD6) Hex(8F81A8) Hex(6E656A) Hex(EDEDED) Hex(6E6E6E)**

	Hex(A8819A)	Hex(DBCCD6)	Hex(8F81A8)	Hex(6E656A)	Hex(EDEDED)	Hex(6E6E6E)
Hex(A8819A)		<a href="#">Ratio: 2.17</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.07</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.68</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.86</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.52</a> Failed <sup>5</sup>
Hex(DBCCD6)	<a href="#">Ratio: 2.17</a> Failed <sup>5</sup>		<a href="#">Ratio: 2.32</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.65</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.32</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.31</a> AA 18pt <sup>2</sup>
Hex(8F81A8)	<a href="#">Ratio: 1.07</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.32</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.57</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.05</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.43</a> Failed <sup>5</sup>
Hex(6E656A)	<a href="#">Ratio: 1.68</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.65</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.57</a> Failed <sup>5</sup>		<a href="#">Ratio: 4.81</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 1.10</a> Failed <sup>5</sup>
Hex(EDEDED)	<a href="#">Ratio: 2.86</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.32</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.05</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 4.81</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>		<a href="#">Ratio: 4.36</a> AA 18pt <sup>2</sup>
Hex(6E6E6E)	<a href="#">Ratio: 1.52</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.31</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.43</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.10</a> Failed <sup>5</sup>	<a href="#">Ratio: 4.36</a> AA 18pt <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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