

# Converting Colors - WCAG Matrix

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

Hex(6EAB9C) Hex(C5DED8) Hex(7DAB6E) Hex(62706D) Hex(F0F0F0) Hex(707070)

	Hex(6EAB9C)	Hex(C5DED8)	Hex(7DAB6E)	Hex(62706D)	Hex(F0F0F0)	Hex(707070)
Hex(6EAB9C)		<a href="#">Ratio: 1.86</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.01</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.96</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.31</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.88</a> Failed <sup>5</sup>
Hex(C5DED8)	<a href="#">Ratio: 1.86</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.87</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.65</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.24</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.49</a> AA 18pt <sup>2</sup>
Hex(7DAB6E)	<a href="#">Ratio: 1.01</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.87</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.95</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.33</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.87</a> Failed <sup>5</sup>
Hex(62706D)	<a href="#">Ratio: 1.96</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.65</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.95</a> Failed <sup>5</sup>		<a href="#">Ratio: 4.54</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 1.05</a> Failed <sup>5</sup>
Hex(F0F0F0)	<a href="#">Ratio: 2.31</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.24</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.33</a> Failed <sup>5</sup>	<a href="#">Ratio: 4.54</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>		<a href="#">Ratio: 4.35</a> AA 18pt <sup>2</sup>
Hex(707070)	<a href="#">Ratio: 1.88</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.49</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.87</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.05</a> Failed <sup>5</sup>	<a href="#">Ratio: 4.35</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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