

Converting Colors

CIELCh(80, 5.100, 246.320)

Have a look what the booklet for
CIELCh(80, 5.100, 246.320) contains.

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Color

CIELCh(80, 5.104, 246.324)

Conversions

Conversions Part 1

Format	Color
Hex	BEC8CF
RGB	190, 200, 207
RGB Percent	75%, 78%, 81%
CMY	0.2554, 0.2162, 0.1887
CMYK	0.08, 0.03, 0.00, 0.19
HSL	205°, 15%, 78%
HSV	205°, 8%, 81%
XYZ	53.0773, 56.6813, 67.0942
YIQ	197.8080, -8.2070, 0.0570

Conversions

Conversions Part 2

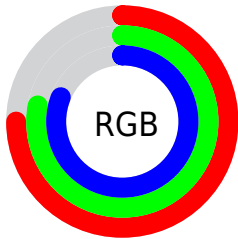
Format	Color
R_{YB}	190, 196, 207
Decimal	12503247
CIE _{Lab}	80.00, -2.05, -4.67
CIE _{LCh}	80, 5.104, 246.324
Yxy	56.6813, 0.3001, 0.3205
Android (android.graphics.Color)	4290693327 (0xFFBEC8CF)
YUV	197.8080, 4.5317, -6.8476
Hunter-Lab	75.2870, -5.9098, -0.1371

Details

The CIELCh color `80, 5.104, 246.324` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `80, 5.259, 64.347`, and the grayscale version is `80, 0.010, 296.813`.

A 20% lighter version of the original color is `99, 3.114, 199.421`, and `60, 5.139, 249.665` is the 20% darker color. If you saturate the color by 10%, you get `76, 11.165, 247.596`, and if you desaturate by 10%, it is `84, 1.112, 64.701`.

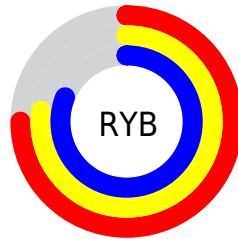
Distribution



Red (75%)

Green (78%)

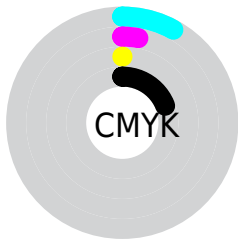
Blue (81%)



Red (75%)

Yellow (77%)

Blue (81%)

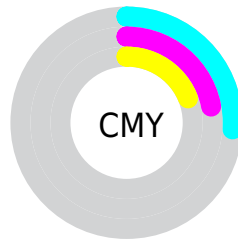


Cyan (8%)

Magenta (3%)

Yellow (0%)

Black (19%)



Cyan (26%)

Magenta (22%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 5.104, 246.324 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 80, 5.104, 246.324 by changing the saturation by 10% instead.

■ 80, 5.104, 246.324

■ 80, 5.104, 246.324

■ 100, 5.104,
246.324

■ 70, 5.104, 246.324

■ 60, 5.104, 246.324

■ 50, 5.104, 246.324

■ 40, 5.104, 246.324

■ 30, 5.104, 246.324

■ 20, 5.104, 246.324

■ 10, 5.104, 246.324

■ 0, 5.104, 246.324

■ 80, 5.104, 246.324

■ 80, 5.104, 246.324

76, 11.165,
247.596

84, 1.112, 64.701

73, 17.027,
249.208

88, 7.442, 64.116

69, 22.647,
251.178

91, 13.850, 63.366

66, 27.986,
253.574

94, 16.008, 79.396

62, 33.021,
256.469

96, 18.744, 94.195

59, 37.763,
259.926

98, 22.380,
104.595

56, 42.267,
263.970

99, 24.295,
108.335

53, 46.637,
268.555

50, 51.036,

273.483

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



80, 5.104, 246.324



80, 5.259, 64.347

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80, 5.104, 246.324



80, 5.104, 296.324



80, 5.104, 66.324



80, 5.104, 116.324

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



80, 5.103, 246.302



99, 1.487, 245.854



82, 8.264, 158.053



53, 0.846, 245.861



0, 0.000, 0.000



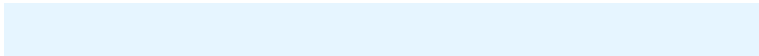
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



80, 5.103, 246.302



96, 7.343, 246.522



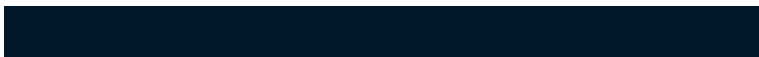
78, 8.214, 286.716



42, 3.550, 246.439



41, 43.935, 273.540



7, 14.360, 262.047

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



79, 8.259, 339.755



94, 11.934, 339.915



82, 8.086, 104.940



41, 5.760, 339.856



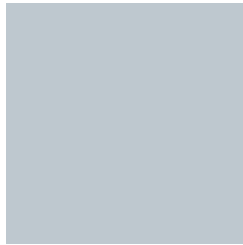
36, 63.778, 353.655



5, 22.875, 348.078

Previews

White Background



This preview shows how the CIELCh color 80, 5.104, 246.324 looks on a white background.

Color Contrast Check

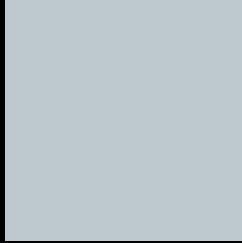
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 80, 5.104, 246.324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

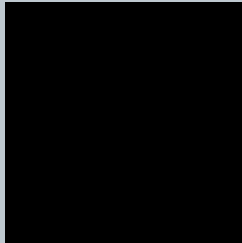
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

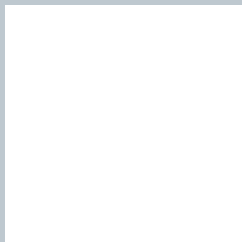
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 5.104, 246.324

Background



This preview shows how black text looks on a background with the CIELCh color 80, 5.104, 246.324.



This preview shows how white text looks on a background with the CIELCh color 80, 5.104, 246.324.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

80, 5.104, 246.324

Protanopia

80, 4.420, 304.768

Deuteranopia

80, 11.499, 332.501



Tritanopia
80, 8.415, 271.407

Trichromacy



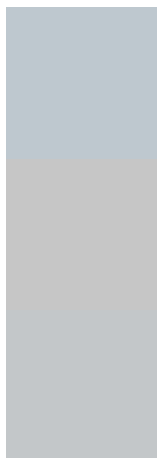
Original Color
80, 5.104, 246.324

Protanomaly
80, 4.316, 280.998

Deuteranomaly
80, 7.860, 318.125

Tritanomaly
80, 6.939, 266.727

Monochromacy



Original Color
80, 5.104, 246.324

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 1.789, 236.214

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 5.104, 246.324 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(190, 200, 207)` looks like.

```
.text, #text, p{  
    color:rgb(190, 200, 207)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(190, 200, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 200, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 5.104, 246.324 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(190, 200, 207) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(190, 200, 207) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(190, 200, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 200, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 200, 207);  
box-shadow:4px 4px 4px 4px rgb(190, 200,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 5.104, 246.324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 200, 207) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(190,  
200, 207) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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