

Converting Colors

CIELCh(78, 5.252, 195.751)

Have a look what the booklet for
CIELCh(78, 5.252, 195.751) contains.

CIELCh(78, 5.451, 193.436)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(78, 5.451, 193.436)

Conversions

Conversions Part 1

Format	Color
Hex	B5C4C3
RGB	181, 196, 195
RGB Percent	71%, 77%, 76%
CMY	0.2904, 0.2316, 0.2355
CMYK	0.08, 0.00, 0.01, 0.23
HSL	176°, 11%, 74%
HSV	176°, 8%, 77%
XYZ	48.6169, 53.2120, 59.3079
YIQ	191.4010, -8.6190, -3.4910

Conversions

Conversions Part 2

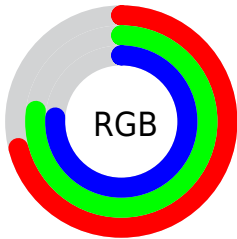
Format	Color
RYB	181, 189, 196
Decimal	11912387
CIELab	78.00, -5.30, -1.27
CIElCh	78, 5.451, 193.436
Yxy	53.2120, 0.3017, 0.3302
Android (android.graphics.Color)	4290102467 (0xFFB5C4C3)
YUV	191.4010, 1.7743, -9.1217
Hunter-Lab	72.9466, -8.6912, 2.8579

Details

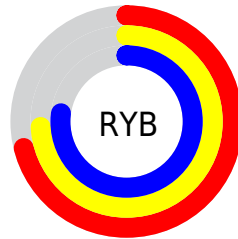
The CIELCh color **78, 5.451, 193.436** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75, 5.686, 14.353**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 5.551, 193.890**, and **58, 5.383, 192.877** is the 20% darker color. If you saturate the color by 10%, you get **77, 12.288, 192.667**, and if you desaturate by 10%, it is **80, 1.702, 13.711**.

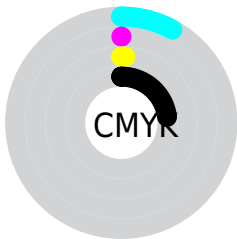
Distribution



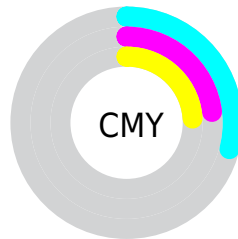
- Red (71%)
- Green (77%)
- Blue (76%)



- Red (71%)
- Yellow (74%)
- Blue (77%)



- Cyan (8%)
- Magenta (0%)
- Yellow (1%)
- Black (23%)



- Cyan (29%)
- Magenta (23%)
- Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 5.451, 193.436 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 78, 5.451, 193.436 by changing the saturation by 10% instead.

 78, 5.451, 193.436

 78, 5.451, 193.436

 100, 5.451,
193.436

 68, 5.451, 193.436

 98, 5.451, 193.436

 58, 5.451, 193.436

 48, 5.451, 193.436

 38, 5.451, 193.436

 28, 5.451, 193.436

 18, 5.451, 193.436

 8, 5.451, 193.436

 0, 5.451, 193.436

 78, 5.451, 193.436

 78, 5.451, 193.436

77, 12.288,
192.667

80, 1.702, 13.711

75, 18.693,
191.958

81, 9.077, 14.672

74, 24.552,
191.262

83, 16.590, 15.404

74, 29.746,
190.570

84, 22.511, 13.846

73, 34.172,
189.874

84, 22.550, 12.119

72, 37.754,
189.164

85, 22.611, 10.399

72, 40.453,
188.428

85, 22.694, 8.692

72, 42.288,
187.649

85, 22.797, 6.998

71, 43.371,

186.819

Harmonies

Complementary

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



78, 5.451, 193.436



75, 5.686, 14.353

Rectangle

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



78, 5.451, 193.436



78, 5.451, 243.436



78, 5.451, 13.436



78, 5.451, 63.436

Sweetspot

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



78, 5.452, 193.420



100, 1.781, 194.083



78, 9.558, 141.810



53, 1.013, 194.109



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 5.452, 193.420



98, 7.913, 193.300



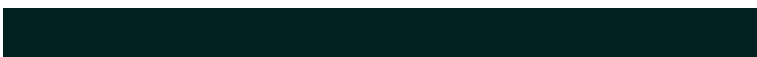
76, 4.565, 246.855



40, 3.987, 193.283



59, 37.577, 186.757



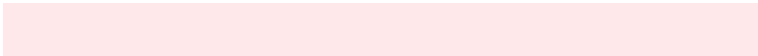
11, 12.948, 188.955

Inverse Universe

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



75, 5.686, 14.353



94, 8.321, 14.492



76, 4.690, 65.001



38, 4.197, 14.512



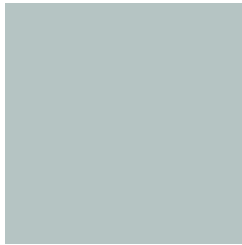
33, 71.141, 36.959



3, 14.040, 15.756

Previews

White Background



This preview shows how the CIELCh color 78, 5.451, 193.436 looks on a white background.

Color Contrast Check

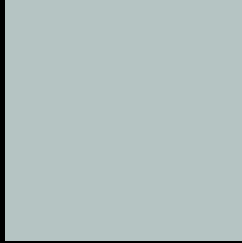
Large Text (above 18pt) WCAG AA × Fail

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 78, 5.451, 193.436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

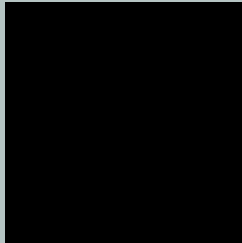
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

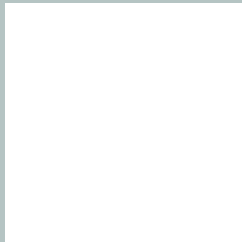
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 5.451, 193.436

Background



This preview shows how black text looks on a background with the CIELCh color 78, 5.451, 193.436.



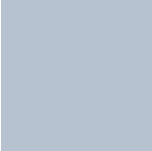
This preview shows how white text looks on a background with the CIELCh color 78, 5.451, 193.436.

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





Tritanopia
78, 8.832, 265.002

Trichromacy



Original Color
78, 5.451, 193.436

Protanomaly
78, 0.732, 200.082

Deuteranomaly
78, 4.643, 335.904

Tritanomaly
78, 6.593, 246.296

Monochromacy



Original Color
78, 5.451, 193.436

Achromatopsia
77, 0.009, 296.813

Achromatomaly
78, 2.265, 185.785

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 5.451, 193.436 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(181, 196, 195)` looks like.

```
.text, #text, p{  
    color:rgb(181, 196, 195)  
}
```

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(181, 196, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 196, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 5.451, 193.436 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(181, 196, 195) }
```

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

```
.border{ border-color:rgb(181, 196, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 196, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 196, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 196, 195);  
box-shadow:4px 4px 4px 4px rgb(181, 196,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 5.451, 193.436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 196, 195) }
```

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

```
.background{ background-color: rgb(181,  
196, 195) }
```

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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