

Converting Colors

CIELCh(78, 8.177, 192.891)

Have a look what the booklet for
CIELCh(78, 8.177, 192.891) contains.

CIELCh(78, 7.894, 194.964)	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, 7.894, 194.964)

Conversions

Conversions Part 1

Format	Color
Hex	AFC5C4
RGB	175, 197, 196
RGB Percent	69%, 77%, 77%
CMY	0.3126, 0.2263, 0.2302
CMYK	0.11, 0.00, 0.01, 0.23
HSL	177°, 16%, 73%
HSV	177°, 11%, 77%
XYZ	47.7739, 53.2120, 60.1525
YIQ	190.3080, -12.7910, -4.9750

Conversions

Conversions Part 2

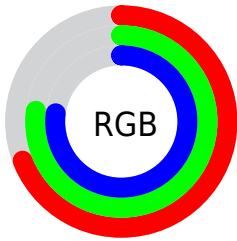
Format	Color
RYB	175, 186, 197
Decimal	11519428
CIELab	78.00, -7.63, -2.04
CIELCh	78, 7.894, 194.964
Yxy	53.2120, 0.2965, 0.3302
Android (android.graphics.Color)	4289709508 (0xFFAFC5C4)
YUV	190.3080, 2.8062, -13.4251
Hunter-Lab	72.9466, -10.7538, 2.1714

Details

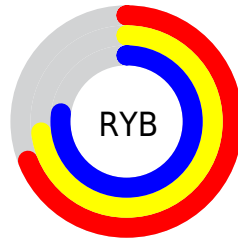
The CIELCh color **78, 7.894, 194.964** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73, 8.421, 16.390**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 7.900, 195.274**, and **58, 7.936, 194.559** is the 20% darker color. If you saturate the color by 10%, you get **77, 14.581, 194.282**, and if you desaturate by 10%, it is **79, 0.833, 196.188**.

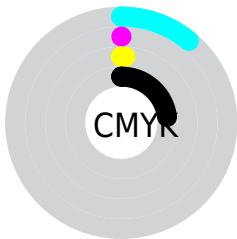
Distribution



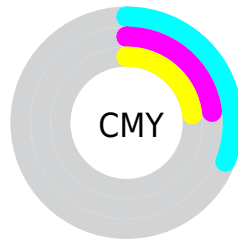
- Red (69%)
- Green (77%)
- Blue (77%)



- Red (69%)
- Yellow (73%)
- Blue (77%)



- Cyan (11%)
- Magenta (0%)
- Yellow (1%)
- Black (23%)



- Cyan (31%)
- Magenta (23%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 7.894, 194.964 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, 7.894, 194.964 by changing the saturation by 10% instead.

■ 78, 7.894, 194.964

■ 78, 7.894, 194.964

■ 100, 7.894,
194.964

■ 68, 7.894, 194.964

■ 98, 7.894, 194.964

■ 58, 7.894, 194.964

■ 48, 7.894, 194.964

■ 38, 7.894, 194.964

■ 28, 7.894, 194.964

■ 18, 7.894, 194.964

■ 8, 7.894, 194.964

■ 0, 7.894, 194.964

■ 78, 7.894, 194.964

■ 78, 7.894, 194.964

77, 14.581,
194.282

79, 0.833, 196.188

76, 20.775,
193.649

81, 6.501, 16.123

75, 26.361,
193.039

83, 14.017, 16.842

74, 31.225,
192.449

85, 21.640, 17.533

73, 35.275,
191.873

85, 21.941, 16.391

73, 38.449,
191.304

85, 21.945, 15.172

72, 40.731,
190.731

85, 21.959, 13.954

72, 42.165,
190.141

85, 21.983, 12.738

72, 42.902,

189.603

Harmonies

Complementary

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



78, 7.894, 194.964



73, 8.421, 16.390

Rectangle

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



78, 7.894, 194.964



78, 7.894, 244.964



78, 7.894, 14.964



78, 7.894, 64.964

Sweetspot

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



78, 7.895, 194.953



99, 2.659, 195.661



78, 14.188, 142.497



53, 2.013, 195.556



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, 7.895, 194.953



98, 11.276, 194.811



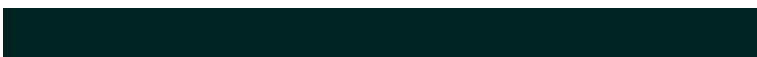
75, 6.790, 251.259



41, 4.056, 195.080



60, 37.247, 189.692



12, 13.354, 191.125

Inverse Universe

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



73, 8.421, 16.390



91, 12.176, 16.575



76, 7.037, 68.497



39, 4.281, 16.232



34, 72.829, 37.908



3, 15.907, 17.040

Previews

White Background



This preview shows how the CIELCh color 78, 7.894, 194.964 looks on a white background.

Color Contrast Check

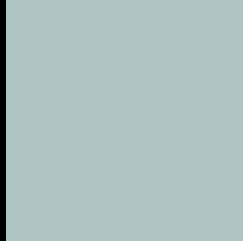
Large Text (above 18pt) WCAG AA × Fail

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, 7.894, 194.964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

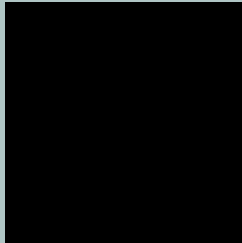
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

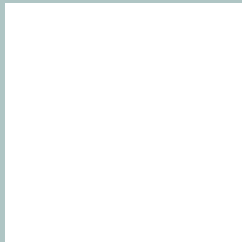
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 7.894, 194.964

Background



This preview shows how black text looks on a background with the CIELCh color 78, 7.894, 194.964.

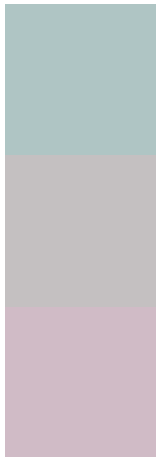


This preview shows how white text looks on a background with the CIELCh color 78, 7.894, 194.964.

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

78, 7.894, 194.964

Protanopia

78, 1.579, 359.395

Deuteranopia

78, 9.768, 343.175



Tritanopia
78, 10.274, 255.916

Trichromacy



Original Color
78, 7.894, 194.964

Protanomaly
78, 2.188, 199.481

Deuteranomaly
78, 3.725, 319.878

Tritanomaly
78, 8.440, 238.560

Monochromacy



Original Color
78, 7.894, 194.964

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 2.913, 199.362

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 7.894, 194.964 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(175, 197, 196)` looks like.

```
.text, #text, p{  
    color:rgb(175, 197, 196)  
}
```

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(175, 197, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 197, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 7.894, 194.964 is called "border". The border property can be set on classes, ids or directly on the HTML element.

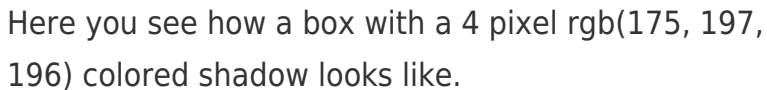
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 197, 196) }
```

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

```
.border{ border-color:rgb(175, 197, 196) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 197, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 197, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 197, 196); box-shadow:4px 4px 4px 4px rgb(175, 197, 196) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 7.894, 194.964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 197, 196) }
```

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

```
.background{ background-color: rgb(175,  
197, 196) }
```

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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