

Converting Colors

CIELCh(78, 7.205, 194.646)

Have a look what the booklet for
CIELCh(78, 7.205, 194.646) contains.

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Color

CIELCh(78, 7.199, 194.649)

Conversions

Conversions Part 1

Format	Color
Hex	B1C5C4
RGB	177, 197, 196
RGB Percent	69%, 77%, 77%
CMY	0.3062, 0.2278, 0.2317
CMYK	0.10, 0.00, 0.01, 0.23
HSL	177°, 15%, 73%
HSV	177°, 10%, 77%
XYZ	48.0127, 53.2120, 59.9134
YIQ	190.9060, -11.5990, -4.5510

Conversions

Conversions Part 2

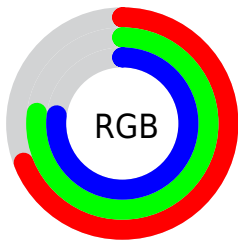
Format	Color
RYB	177, 187, 197
Decimal	11650500
CIELab	78.00, -6.96, -1.82
CIELCh	78, 7.199, 194.649
Yxy	53.2120, 0.2980, 0.3302
Android (android.graphics.Color)	4289840580 (0xFFB1C5C4)
YUV	190.9060, 2.5113, -12.1956
Hunter-Lab	72.9466, -10.1695, 2.3658

Details

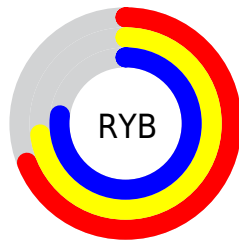
The CIELCh color **78, 7.199, 194.649** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74, 7.630, 15.933**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 7.231, 194.983**, and **58, 7.212, 194.223** is the 20% darker color. If you saturate the color by 10%, you get **77, 13.927, 193.947**, and if you desaturate by 10%, it is **79, 0.112, 200.039**.

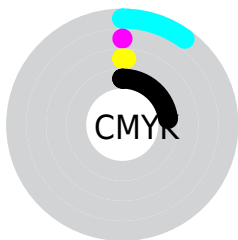
Distribution



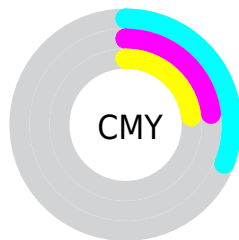
- Red (69%)
- Green (77%)
- Blue (77%)



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



- Cyan (10%)
- Magenta (0%)
- Yellow (1%)
- Black (23%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 7.199, 194.649 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, 7.199, 194.649 by changing the saturation by 10% instead.

 78, 7.199, 194.649

 78, 7.199, 194.649

 100, 7.199,
194.649

 68, 7.199, 194.649

 98, 7.199, 194.649

 58, 7.199, 194.649

 48, 7.199, 194.649

 38, 7.199, 194.649

 28, 7.199, 194.649

 18, 7.199, 194.649

 8, 7.199, 194.649

 0, 7.199, 194.649

 78, 7.199, 194.649

 78, 7.199, 194.649

77, 13.927,
193.947

79, 0.112, 200.039

76, 20.180,
193.296

81, 7.235, 15.830

75, 25.840,
192.666

83, 14.752, 16.550

74, 30.794,
192.052

85, 22.100, 17.176

73, 34.945,
191.448

85, 22.097, 15.847

73, 38.227,
190.846

85, 22.106, 14.518

72, 40.619,
190.235

85, 22.128, 13.192

72, 42.157,
189.603

85, 22.163, 11.869

72, 43.025,

85, 22.210, 10.551

188.955

Harmonies

Complementary

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



78, 7.199, 194.649



74, 7.630, 15.933

Rectangle

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



78, 7.199, 194.649



78, 7.199, 244.649



78, 7.199, 14.649



78, 7.199, 64.649

Sweetspot

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



78, 7.200, 194.637



99, 2.661, 195.281



78, 12.821, 142.114



53, 2.014, 195.175



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, 7.200, 194.637



98, 10.443, 194.491



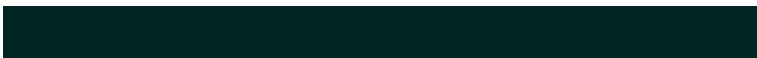
76, 6.116, 249.155



41, 4.060, 194.694



60, 37.405, 189.051



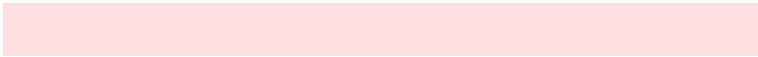
12, 13.396, 190.616

Inverse Universe

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



74, 7.630, 15.933



92, 11.200, 16.117



76, 6.333, 66.696



39, 4.283, 15.864



34, 72.652, 37.716



3, 15.911, 16.805

Previews

White Background



This preview shows how the CIELCh color 78, 7.199, 194.649 looks on a white background.

Color Contrast Check

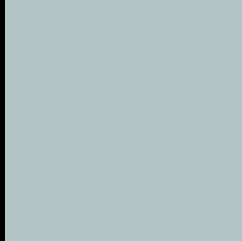
Large Text (above 18pt) WCAG AA × Fail

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, 7.199, 194.649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

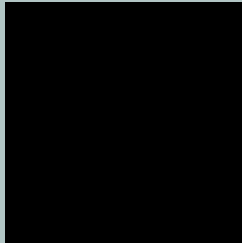
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

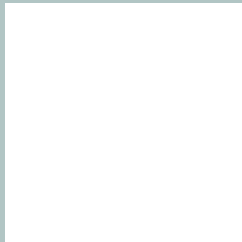
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 7.199, 194.649

Background



This preview shows how black text looks on a background with the CIELCh color 78, 7.199, 194.649.

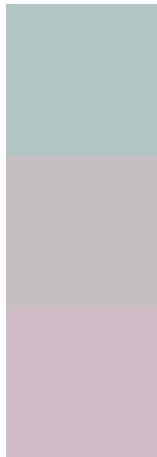


This preview shows how white text looks on a background with the CIELCh color 78, 7.199, 194.649.

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, 7.199, 194.649

Protanopia

78, 1.579, 359.395

Deuteranopia

78, 10.067, 344.493



Tritanopia
78, 9.658, 255.673

Trichromacy



Original Color
78, 7.199, 194.649

Protanomaly
78, 1.825, 199.559

Deuteranomaly
78, 3.921, 324.543

Tritanomaly
78, 7.863, 236.977

Monochromacy



Original Color
78, 7.199, 194.649

Achromatopsia
77, 0.009, 296.813

Achromatomaly
78, 2.552, 199.416

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 7.199, 194.649 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(177, 197, 196)` looks like.

```
.text, #text, p{  
    color:rgb(177, 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(177, 197, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 197, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 7.199, 194.649 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(177, 197, 196) }
```

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

```
.border{ border-color:rgb(177, 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(177, 197, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 197, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 197, 196);  
box-shadow:4px 4px 4px 4px rgb(177, 197,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 7.199, 194.649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 197, 196) }
```

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

```
.background{ background-color: rgb(177,  
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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