

Converting Colors

CIELCh(79, 7.930, 194.429)

Have a look what the booklet for
CIELCh(79, 7.930, 194.429) contains.

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Color

CIELCh(79, 7.875, 194.975)

Conversions

Conversions Part 1

Format	Color
Hex	B2C8C7
RGB	178, 200, 199
RGB Percent	70%, 78%, 78%
CMY	0.3018, 0.2155, 0.2194
CMYK	0.11, 0.00, 0.01, 0.22
HSL	177°, 17%, 74%
HSV	177°, 11%, 78%
XYZ	49.3517, 54.9284, 62.0645
YIQ	193.3080, -12.7910, -4.9750

Conversions

Conversions Part 2

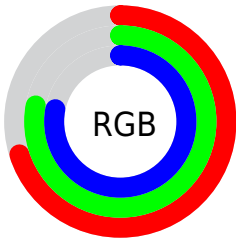
Format	Color
RYB	178, 189, 200
Decimal	11716807
CIELab	79.00, -7.61, -2.03
CIElCh	79, 7.875, 194.975
Yxy	54.9284, 0.2967, 0.3302
Android (android.graphics.Color)	4289906887 (0xFFB2C8C7)
YUV	193.3080, 2.8062, -13.4251
Hunter-Lab	74.1137, -10.8373, 2.2287

Details

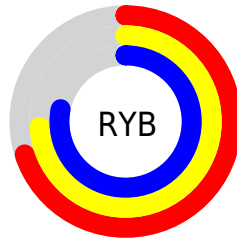
The CIELCh color **79, 7.875, 194.975** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74, 8.393, 16.377**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **99, 7.186, 199.043**, and **59, 7.911, 194.577** is the 20% darker color. If you saturate the color by 10%, you get **78, 14.644, 194.291**, and if you desaturate by 10%, it is **80, 0.729, 196.299**.

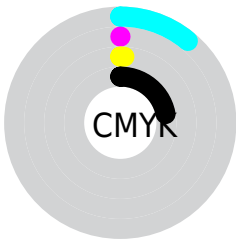
Distribution



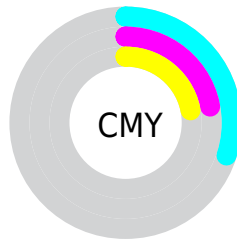
- Red (70%)
- Green (78%)
- Blue (78%)



- Red (70%)
- Yellow (74%)
- Blue (78%)



- Cyan (11%)
- Magenta (0%)
- Yellow (1%)
- Black (22%)



- Cyan (30%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 7.875, 194.975 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 79, 7.875, 194.975 by changing the saturation by 10% instead.

■ 79, 7.875, 194.975

■ 79, 7.875, 194.975

■ 100, 7.875,
194.975

■ 69, 7.875, 194.975

■ 99, 7.875, 194.975

■ 59, 7.875, 194.975

■ 49, 7.875, 194.975

■ 39, 7.875, 194.975

■ 29, 7.875, 194.975

■ 19, 7.875, 194.975

■ 9, 7.875, 194.975

■ 0, 7.875, 194.975

■ 79, 7.875, 194.975

■ 79, 7.875, 194.975

78, 14.644,
194.291

80, 0.729, 196.299

77, 20.916,
193.657

82, 6.692, 16.136

76, 26.573,
193.047

84, 14.296, 16.854

75, 31.502,
192.456

85, 20.817, 17.241

74, 35.606,
191.880

85, 20.815, 15.940

74, 38.824,
191.310

85, 20.825, 14.639

73, 41.140,
190.736

86, 20.846, 13.341

73, 42.597,
190.146

86, 20.878, 12.045

73, 43.351,

189.598

Harmonies

Complementary

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



79, 7.875, 194.975



74, 8.393, 16.377

Rectangle

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



79, 7.875, 194.975



79, 7.875, 244.975



79, 7.875, 14.975



79, 7.875, 64.975

Sweetspot

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



79, 7.876, 194.964



99, 2.659, 195.662



79, 14.147, 142.506



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.



79, 7.876, 194.964



98, 11.276, 194.811



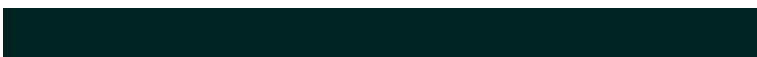
76, 6.772, 251.239



41, 4.056, 195.081



60, 37.246, 189.693



12, 13.354, 191.125

Inverse Universe

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



74, 8.393, 16.377



91, 12.176, 16.576



77, 7.015, 68.512



39, 4.281, 16.232



34, 72.830, 37.908



3, 15.907, 17.041

Previews

White Background



This preview shows how the CIELCh color 79, 7.875, 194.975 looks on a white background.

Color Contrast Check

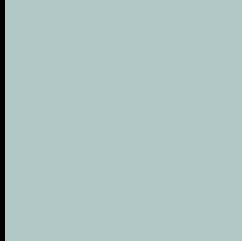
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 79, 7.875, 194.975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

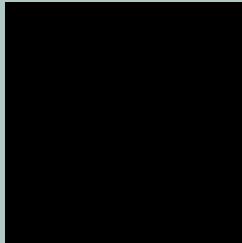
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

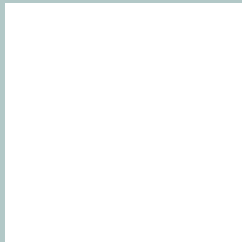
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 7.875, 194.975

Background



This preview shows how black text looks on a background with the CIELCh color 79, 7.875, 194.975.

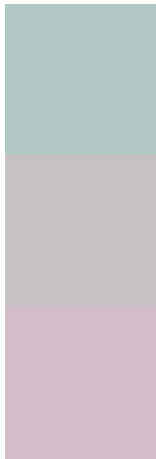


This preview shows how white text looks on a background with the CIELCh color 79, 7.875, 194.975.

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

79, 7.875, 194.975

Protanopia

79, 1.833, 343.595

Deuteranopia

79, 10.361, 342.079



Tritanopia
79, 10.248, 255.885

Trichromacy



Original Color
79, 7.875, 194.975

Protanomaly
79, 1.889, 215.998

Deuteranomaly
79, 4.365, 320.602

Tritanomaly
79, 8.420, 238.539

Monochromacy



Original Color
79, 7.875, 194.975

Achromatopsia
78, 0.009, 296.813

Achromatomaly
79, 2.967, 188.977

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 7.875, 194.975 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(178, 200, 199)` looks like.

```
.text, #text, p{  
    color:rgb(178, 200, 199)  
}
```

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(178, 200, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 200, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 7.875, 194.975 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(178, 200, 199) }
```

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

```
.border{ border-color:rgb(178, 200, 199) }
```

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

Here you see how a box with a 4 pixel rgb(178, 200, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 200, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 200, 199);  
box-shadow:4px 4px 4px 4px rgb(178, 200,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 7.875, 194.975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 200, 199) }
```

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

```
.background{ background-color: rgb(178,  
200, 199) }
```

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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