

Converting Colors

CIELCh(77, 4.915, 158.323)

Have a look what the booklet for
CIELCh(77, 4.915, 158.323) contains.

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Color

CIELCh(77, 4.917, 158.320)

Conversions

Conversions Part 1

Format	Color
Hex	B7C1BB
RGB	183, 193, 187
RGB Percent	72%, 76%, 73%
CMY	0.2840, 0.2448, 0.2684
CMYK	0.05, 0.00, 0.03, 0.24
HSL	144°, 7%, 74%
HSV	144°, 5%, 76%
XYZ	47.3235, 51.5317, 54.2239
YIQ	189.3260, -4.0340, -3.9860

Conversions

Conversions Part 2

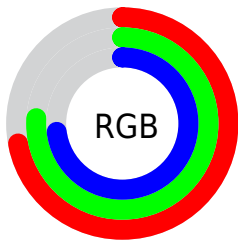
Format	Color
RYB	183, 190, 193
Decimal	12042683
CIELab	77.00, -4.57, 1.82
CIELCh	77, 4.917, 158.320
Yxy	51.5317, 0.3091, 0.3366
Android (android.graphics.Color)	4290232763 (0xFFB7C1BB)
YUV	189.3260, -1.1467, -5.5479
Hunter-Lab	71.7856, -7.9515, 5.4647

Details

The CIELCh color $77, 4.917, 158.320$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $75, 4.951, 338.939$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 4.683, 158.423$, and $57, 5.223, 158.163$ is the 20% darker color. If you saturate the color by 10%, you get $75, 14.446, 157.455$, and if you desaturate by 10%, it is $79, 4.542, 338.885$.

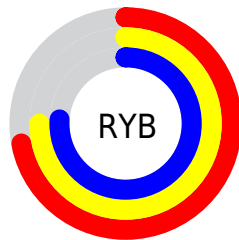
Distribution



Red (72%)

Green (76%)

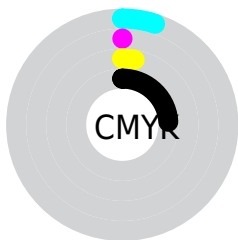
Blue (73%)



Red (72%)

Yellow (75%)

Blue (76%)

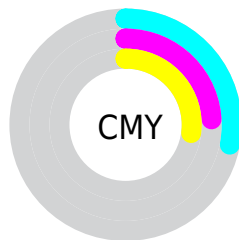


Cyan (5%)

Magenta (0%)

Yellow (3%)

Black (24%)



Cyan (28%)

Magenta (24%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 4.917, 158.320 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 77, 4.917, 158.320 by changing the saturation by 10% instead.

■ 77, 4.917, 158.320

■ 77, 4.917, 158.320

■ 100, 4.917,
158.320

■ 67, 4.917, 158.320

■ 97, 4.917, 158.320

■ 57, 4.917, 158.320

■ 47, 4.917, 158.320

■ 37, 4.917, 158.320

■ 27, 4.917, 158.320

■ 17, 4.917, 158.320

■ 7, 4.917, 158.320

■ 0, 4.917, 158.320

■ 77, 4.917, 158.320

■ 77, 4.917, 158.320

75, 14.446,
157.455

79, 4.542, 338.885

74, 23.934,
156.529

81, 13.857,
339.589

73, 33.252,
155.483

83, 22.971,
340.189

71, 42.247,
154.293

85, 30.651,
338.504

71, 50.755,
152.933

85, 34.842,
331.047

70, 58.610,
151.384

85, 39.152,
325.783

69, 65.675,
149.633

69, 71.858,
147.686

68, 77.137,

145.575

Harmonies

Complementary

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



77, 4.917, 158.320



75, 4.951, 338.939

Rectangle

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



77, 4.917, 158.320



77, 4.917, 208.320



77, 4.917, 338.320



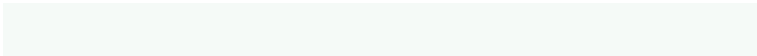
77, 4.917, 28.320

Sweetspot

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



77, 4.919, 158.314



98, 2.333, 158.667



77, 5.543, 124.651



52, 1.326, 158.684



99, 0.012, 296.813



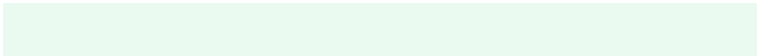
52, 0.007, 296.813

Same Dimension

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



77, 4.919, 158.314



97, 7.028, 158.234



77, 3.706, 189.529



40, 3.782, 158.194



58, 68.979, 144.903



10, 19.782, 152.847

Inverse Universe

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



75, 4.951, 338.939



94, 7.075, 339.018



75, 3.804, 10.093



39, 3.808, 339.058



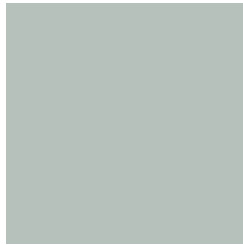
35, 61.980, 352.528



3, 16.869, 346.258

Previews

White Background



This preview shows how the CIELCh color 77, 4.917, 158.320 looks on a white background.

Color Contrast Check

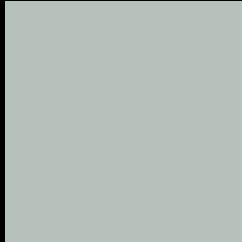
Large Text (above 18pt) WCAG AA × Fail

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 77, 4.917, 158.320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

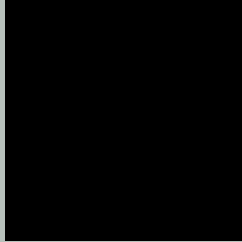
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

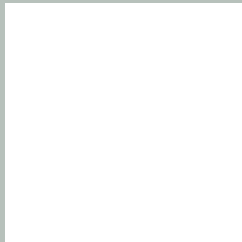
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 4.917, 158.320

Background



This preview shows how black text looks on a background with the CIELCh color 77, 4.917, 158.320.

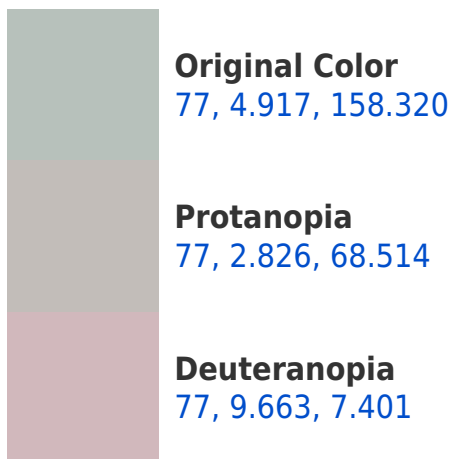


This preview shows how white text looks on a background with the CIELCh color 77, 4.917, 158.320.

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
77, 8.155, 280.895

Trichromacy



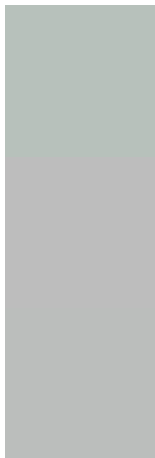
Original Color
77, 4.917, 158.320

Protanomaly
77, 2.135, 109.950

Deuteranomaly
77, 4.492, 19.652

Tritanomaly
77, 4.304, 260.391

Monochromacy



Original Color
77, 4.917, 158.320

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 1.545, 155.774

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 4.917, 158.320 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(183, 193, 187)` looks like.

```
.text, #text, p{  
    color:rgb(183, 193, 187)  
}
```

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(183, 193, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 193, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 4.917, 158.320 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(183, 193, 187) }
```

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

```
.border{ border-color:rgb(183, 193, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 193, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 193, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 193, 187);  
box-shadow:4px 4px 4px 4px rgb(183, 193,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 4.917, 158.320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 193, 187) }
```

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

```
.background{ background-color: rgb(183,  
193, 187) }
```

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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