

Converting Colors

CIELCh(70, 21.261, 217.541)

Have a look what the booklet for
CIELCh(70, 21.261, 217.541)
contains.

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Color

CIELCh(70, 21.251, 217.666)

Conversions

Conversions Part 1

Format	Color
Hex	76B5C2
RGB	118, 181, 194
RGB Percent	46%, 71%, 76%
CMY	0.5376, 0.2905, 0.2396
CMYK	0.39, 0.07, 0.00, 0.24
HSL	190°, 38%, 61%
HSV	190°, 39%, 76%
XYZ	33.6939, 40.7494, 57.0771
YIQ	163.6450, -41.7210, -9.3130

Conversions

Conversions Part 2

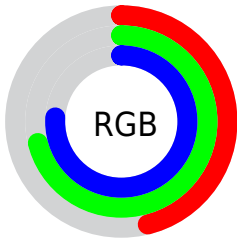
Format	Color
RYB	118, 152, 194
Decimal	7779778
CIELab	70.00, -16.82, -12.99
CIElCh	70, 21.251, 217.666
Yxy	40.7494, 0.2562, 0.3098
Android (android.graphics.Color)	4285969858 (0xFF76B5C2)
YUV	163.6450, 14.9650, -40.0307
Hunter-Lab	63.8353, -17.4949, -8.3283

Details

The CIELCh color **70, 21.251, 217.666** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **61, 28.279, 36.715**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 21.244, 216.864**, and **50, 21.202, 217.047** is the 20% darker color. If you saturate the color by 10%, you get **68, 25.404, 218.551**, and if you desaturate by 10%, it is **72, 16.490, 217.035**.

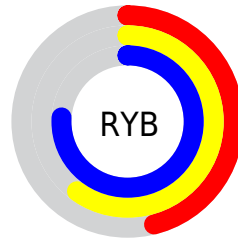
Distribution



Red (46%)

Green (71%)

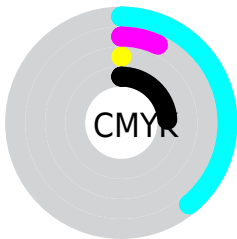
Blue (76%)



Red (46%)

Yellow (60%)

Blue (76%)

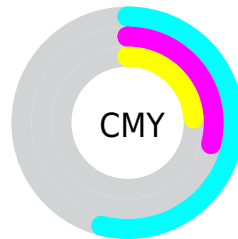


Cyan (39%)

Magenta (7%)

Yellow (0%)

Black (24%)



Cyan (54%)

Magenta (29%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 21.251, 217.666 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 70, 21.251, 217.666 by changing the saturation by 10% instead.


 70, 21.251,
217.666

 70, 21.251,
217.666

 100, 21.251,
217.666

 60, 21.251,
217.666

 90, 21.251,
217.666

 50, 21.251,
217.666

 40, 21.251,
217.666

 30, 21.251,
217.666

 20, 21.251,
217.666

 10, 21.251,
217.666

 0, 21.251, 217.666

70, 21.251,
217.666

70, 21.251,
217.666

68, 25.404,
218.551

72, 16.490,
217.035

66, 28.867,
219.759

74, 11.217,
216.620

65, 31.580,
221.356

76, 5.526, 216.401

64, 33.523,
223.414

79, 0.497, 35.081

81, 6.774, 36.038

62, 34.738,
226.004

84, 13.239, 36.108

61, 35.398,
229.100

86, 19.839, 36.210

87, 19.697, 41.436

61, 35.448,
229.355

88, 19.247, 47.350

Harmonies

Complementary

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



70, 21.251, 217.666



61, 28.279, 36.715

Rectangle

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



70, 21.251, 217.666



70, 21.251, 267.666



70, 21.251, 37.666



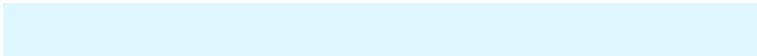
70, 21.251, 87.666

Sweetspot

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



70, 21.251, 217.663



96, 8.868, 216.443



72, 44.389, 146.257



51, 5.909, 216.469



0, 0.000, 0.000



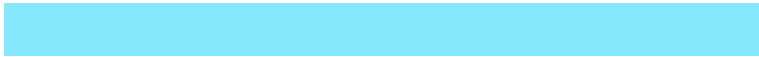
53, 0.007, 296.813

Same Dimension

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



70, 21.251, 217.663



87, 30.299, 218.405



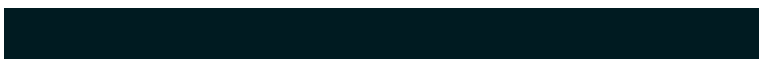
59, 29.416, 277.619



40, 3.406, 216.402



51, 30.827, 228.839



8, 10.533, 221.921

Inverse Universe

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



60, 44.315, 331.993



72, 65.002, 332.561



70, 29.627, 86.043



38, 6.419, 330.074



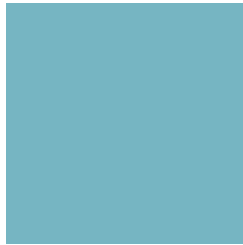
36, 71.691, 336.341



4, 20.598, 333.101

Previews

White Background



This preview shows how the CIELCh color 70, 21.251, 217.666 looks on a white background.

Color Contrast Check

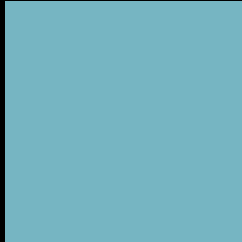
Large Text (above 18pt) WCAG AA × Fail

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 70, 21.251, 217.666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

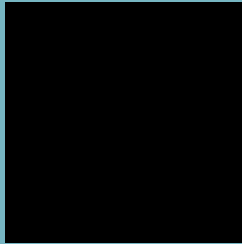
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 21.251, 217.666

Background



This preview shows how black text looks on a background with the CIELCh color 70, 21.251, 217.666.

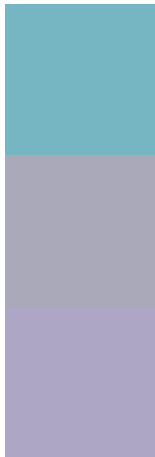


This preview shows how white text looks on a background with the CIELCh color 70, 21.251, 217.666.

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

70, 21.251, 217.666

Protanopia

70, 9.326, 291.114

Deuteranopia

70, 17.310, 301.262



Tritanopia
70, 21.362, 219.154

Trichromacy



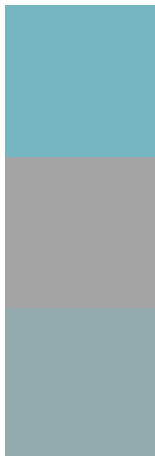
Original Color
70, 21.251, 217.666

Protanomaly
70, 11.703, 247.771

Deuteranomaly
69, 14.746, 268.140

Tritanomaly
70, 21.362, 219.154

Monochromacy



Original Color
70, 21.251, 217.666

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 8.650, 217.433

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 21.251, 217.666 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(118, 181, 194)` looks like.

```
.text, #text, p{  
    color:rgb(118, 181, 194)  
}
```

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(118, 181, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 181, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 21.251, 217.666 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(118, 181, 194) }
```

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

```
.border{ border-color:rgb(118, 181, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 181, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 181, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 181, 194);  
box-shadow:4px 4px 4px 4px rgb(118, 181,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 21.251, 217.666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 181, 194) }
```

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

```
.background{ background-color: rgb(118,  
181, 194) }
```

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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