

Converting Colors

CIELCh(70, 21.463, 175.376)

Have a look what the booklet for
CIELCh(70, 21.463, 175.376)
contains.

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Color

CIELCh(70, 21.613, 175.247)

Conversions

Conversions Part 1

Format	Color
Hex	7EB6A7
RGB	126, 182, 167
RGB Percent	49%, 71%, 65%
CMY	0.5054, 0.2857, 0.3446
CMYK	0.31, 0.00, 0.08, 0.29
HSL	164°, 28%, 60%
HSV	164°, 31%, 71%
XYZ	32.3644, 40.7494, 42.7809
YIQ	163.5460, -28.5610, -16.5370

Conversions

Conversions Part 2

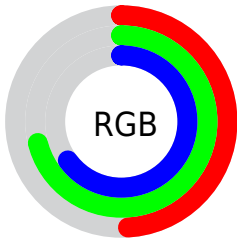
Format	Color
RYB	126, 158, 182
Decimal	8304295
CIELab	70.00, -21.54, 1.79
CIElCh	70, 21.613, 175.247
Yxy	40.7494, 0.2793, 0.3516
Android (android.graphics.Color)	4286494375 (0xFF7EB6A7)
YUV	163.5460, 1.7028, -32.9278
Hunter-Lab	63.8353, -21.2123, 4.9500

Details

The CIELCh color **70, 21.613, 175.247** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **59, 23.918, 1.635**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 21.632, 175.308**, and **50, 21.842, 175.027** is the 20% darker color. If you saturate the color by 10%, you get **69, 27.996, 174.107**, and if you desaturate by 10%, it is **71, 14.835, 176.299**.

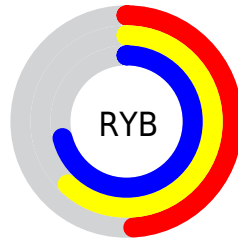
Distribution



Red (49%)

Green (71%)

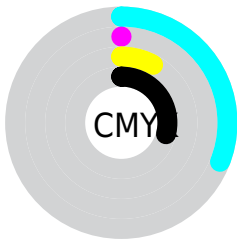
Blue (65%)



Red (49%)

Yellow (62%)

Blue (71%)

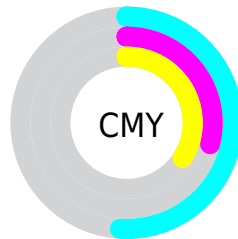


Cyan (31%)

Magenta (0%)

Yellow (8%)

Black (29%)



Cyan (51%)


Magenta (29%)


Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 21.613, 175.247 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, 21.613, 175.247 by changing the saturation by 10% instead.

 70, 21.613,
175.247


 70, 21.613,
175.247


 100, 21.613,
175.247


 60, 21.613,
175.247


 90, 21.613,
175.247

 50, 21.613,
175.247

 40, 21.613,
175.247

 30, 21.613,
175.247

 20, 21.613,
175.247

 10, 21.613,
175.247

 0, 21.613, 175.247

70, 21.613,
175.247

70, 21.613,
175.247

69, 27.996,
174.107

71, 14.835,
176.299

68, 33.861,
172.865

73, 7.776, 177.299

67, 39.098,
171.494

74, 0.542, 178.994

76, 6.777, 358.950

67, 43.618,
169.971

77, 14.109,
359.805

66, 47.374,
168.273

79, 21.397, 0.600

66, 50.378,
166.385

81, 28.600, 1.357

66, 52.658,
164.529

81, 29.835,
357.041

82, 30.787,
352.579

Harmonies

Complementary

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



70, 21.613, 175.247



59, 23.918, 1.635

Rectangle

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



70, 21.613, 175.247



70, 21.613, 225.247



70, 21.613, 355.247



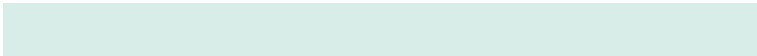
70, 21.613, 45.247

Sweetspot

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



70, 21.614, 175.245



92, 8.080, 177.459



70, 34.166, 134.782



49, 5.653, 177.314



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



70, 21.614, 175.245



88, 31.748, 174.473



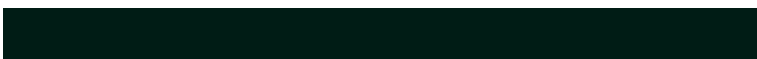
67, 16.075, 223.132



38, 4.130, 177.440



57, 46.674, 164.808



8, 12.195, 170.898

Inverse Universe

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



59, 23.918, 1.635



71, 35.996, 2.681



61, 19.793, 40.911



36, 4.255, 359.038



32, 61.311, 23.115



2, 11.100, 3.562

Previews

White Background



This preview shows how the CIELCh color 70, 21.613, 175.247 looks on a white background.

Color Contrast Check

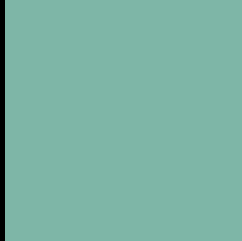
Large Text (above 18pt) WCAG AA × Fail

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, 21.613, 175.247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

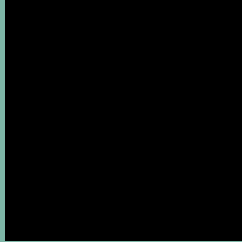
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

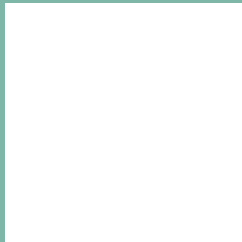
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 21.613, 175.247

Background



This preview shows how black text looks on a background with the CIELCh color 70, 21.613, 175.247.

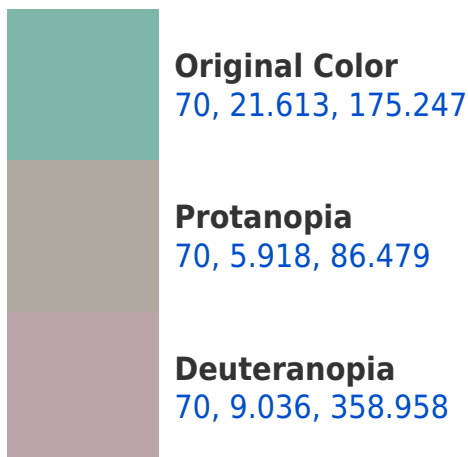


This preview shows how white text looks on a background with the CIELCh color 70, 21.613, 175.247.

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](#).

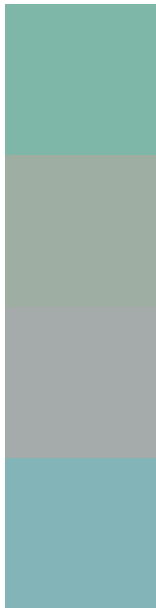
Dichromacy





Tritanopia
70, 17.126, 227.216

Trichromacy



Original Color
70, 21.613, 175.247

Protanomaly
70, 8.576, 154.189

Deuteranomaly
69, 2.316, 185.730

Tritanomaly
70, 17.100, 205.500

Monochromacy



Original Color
70, 21.613, 175.247

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 8.514, 175.884

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 21.613, 175.247 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(126, 182, 167)` looks like.

```
.text, #text, p{  
    color:rgb(126, 182, 167)  
}
```

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(126, 182, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 182, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 21.613, 175.247 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(126, 182, 167) }
```

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

```
.border{ border-color:rgb(126, 182, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 182, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(126, 182, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(126, 182, 167); box-shadow:4px 4px 4px 4px rgb(126, 182, 167) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 21.613, 175.247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 182, 167) }
```

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

```
.background{ background-color: rgb(126,  
182, 167) }
```

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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