

Converting Colors

CIELCh(70, 21.053, 190.179)

Have a look what the booklet for
CIELCh(70, 21.053, 190.179)
contains.

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Color

CIELCh(70, 21.044, 190.192)

Conversions

Conversions Part 1

Format	Color
Hex	79B6B1
RGB	121, 182, 177
RGB Percent	47%, 71%, 69%
CMY	0.5251, 0.2859, 0.3055
CMYK	0.33, 0.00, 0.03, 0.29
HSL	175°, 30%, 59%
HSV	175°, 33%, 71%
XYZ	32.5949, 40.7494, 47.7966
YIQ	163.1910, -34.7510, -14.4870

Conversions

Conversions Part 2

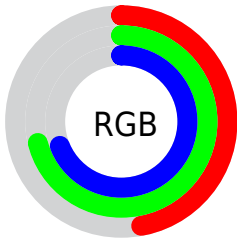
Format	Color
RYB	121, 153, 182
Decimal	7976625
CIELab	70.00, -20.71, -3.72
CIELCh	70, 21.044, 190.192
Yxy	40.7494, 0.2691, 0.3364
Android (android.graphics.Color)	4286166705 (0xFF79B6B1)
YUV	163.1910, 6.8078, -37.0015
Hunter-Lab	63.8353, -20.5679, 0.2914

Details

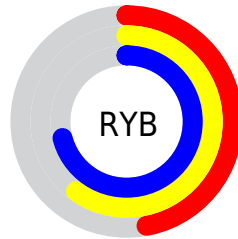
The CIELCh color **70, 21.044, 190.192** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57, 25.520, 16.076**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 21.102, 190.911**, and **50, 20.897, 190.775** is the 20% darker color. If you saturate the color by 10%, you get **69, 26.286, 189.441**, and if you desaturate by 10%, it is **71, 15.238, 190.933**.

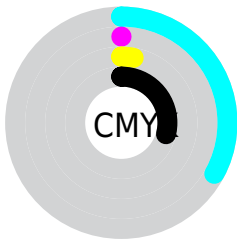
Distribution



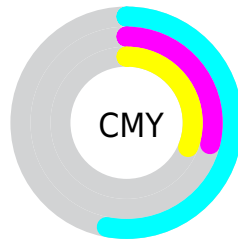
- Red (47%)
- Green (71%)
- Blue (69%)



- Red (47%)
- Yellow (60%)
- Blue (71%)



- Cyan (33%)
- Magenta (0%)
- Yellow (3%)
- Black (29%)





- Cyan (53%)
- Magenta (29%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 21.044, 190.192 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, 21.044, 190.192 by changing the saturation by 10% instead.


 70, 21.044,
190.192


 70, 21.044,
190.192


 100, 21.044,
190.192


 60, 21.044,
190.192


 90, 21.044,
190.192

 50, 21.044,
190.192

 40, 21.044,
190.192

 30, 21.044,
190.192

 20, 21.044,
190.192

 10, 21.044,
190.192

 0, 21.044, 190.192

70, 21.044,
190.192

70, 21.044,
190.192

69, 26.286,
189.441

71, 15.238,
190.933

68, 30.857,
188.681

72, 8.978, 191.688

74, 2.372, 192.573

68, 34.672,
187.898

75, 4.481, 12.975

67, 37.675,
187.078

77, 11.497, 13.768

67, 39.856,
186.205

78, 18.603, 14.503

80, 25.744, 15.222

67, 41.262,
185.263

81, 28.262, 14.448

67, 41.911,
184.627

81, 28.283, 12.866

Harmonies

Complementary

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



70, 21.044, 190.192



57, 25.520, 16.076

Rectangle

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



70, 21.044, 190.192



70, 21.044, 240.192



70, 21.044, 10.192



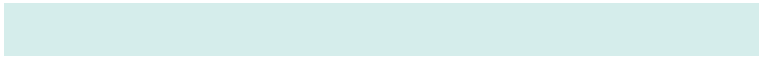
70, 21.044, 60.192

Sweetspot

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



70, 21.045, 190.189



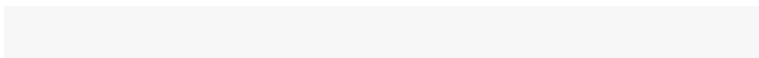
92, 8.302, 191.948



69, 39.582, 140.084



49, 5.693, 191.837



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, 21.045, 190.189



88, 30.312, 189.653



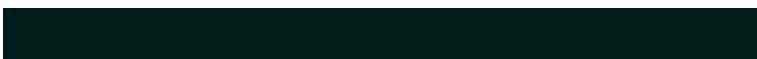
63, 18.133, 250.796



38, 3.827, 192.015



58, 37.266, 184.759



8, 10.821, 188.581

Inverse Universe

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



57, 25.520, 16.076



69, 38.519, 17.224



63, 20.908, 62.401



36, 4.020, 13.287



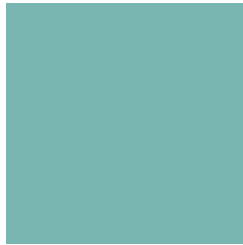
32, 68.796, 36.145



2, 10.691, 14.427

Previews

White Background



This preview shows how the CIELCh color 70, 21.044, 190.192 looks on a white background.

Color Contrast Check

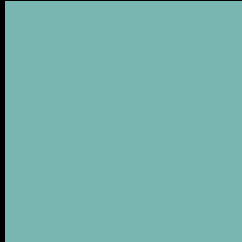
Large Text (above 18pt) WCAG AA × Fail

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 70, 21.044, 190.192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

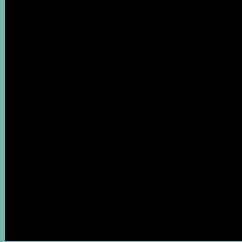
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 21.044, 190.192

Background



This preview shows how black text looks on a background with the CIELCh color 70, 21.044, 190.192.

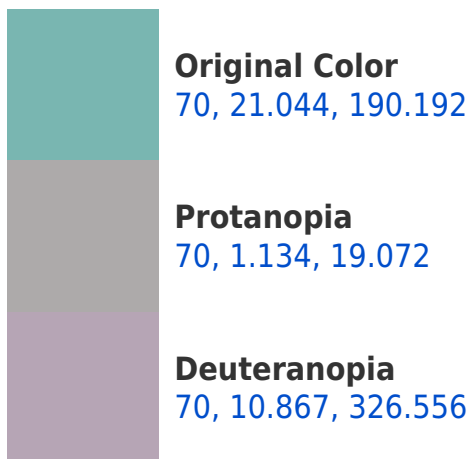


This preview shows how white text looks on a background with the CIELCh color 70, 21.044, 190.192.

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, 19.304, 221.695

Trichromacy



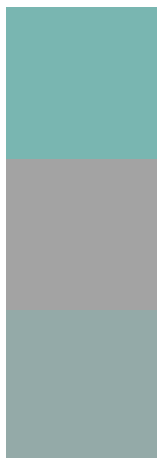
Original Color
70, 21.044, 190.192

Protanomaly
70, 7.346, 194.560

Deuteranomaly
69, 6.277, 251.244

Tritanomaly
70, 19.206, 209.568

Monochromacy



Original Color
70, 21.044, 190.192

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 8.169, 190.986

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 21.044, 190.192 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(121, 182, 177)` looks like.

```
.text, #text, p{  
    color:rgb(121, 182, 177)  
}
```

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(121, 182, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 182, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 21.044, 190.192 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(121, 182, 177) }
```

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

```
.border{ border-color:rgb(121, 182, 177) }
```

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

Here you see how a box with a 4 pixel rgb(121, 182, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 182, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 182, 177);  
box-shadow:4px 4px 4px 4px rgb(121, 182,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 21.044, 190.192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 182, 177) }
```

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

```
.background{ background-color: rgb(121,  
182, 177) }
```

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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