

Converting Colors

CIELCh(72, 20.894, 185.825)

Have a look what the booklet for
CIELCh(72, 20.894, 185.825)
contains.

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Color

CIELCh(72, 21.170, 185.804)

Conversions

Conversions Part 1

Format	Color
Hex	80BCB4
RGB	128, 188, 180
RGB Percent	50%, 74%, 71%
CMY	0.4994, 0.2641, 0.2955
CMYK	0.32, 0.00, 0.04, 0.26
HSL	172°, 31%, 62%
HSV	172°, 32%, 74%
XYZ	34.9609, 43.6590, 49.5780
YIQ	169.1480, -33.1920, -15.2080

Conversions

Conversions Part 2

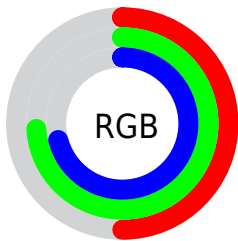
Format	Color
R_{YB}	128, 160, 188
Decimal	8436916
CIE _{Lab}	72.00, -21.06, -2.14
CIE _{LCh}	72, 21.170, 185.804
Yxy	43.6590, 0.2727, 0.3406
Android (android.graphics.Color)	4286626996 (0xFF80BCB4)
YUV	169.1480, 5.3500, -36.0868
Hunter-Lab	66.0750, -21.1851, 1.7654

Details

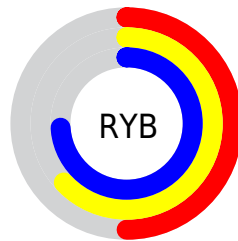
The CIELCh color **72, 21.170, 185.804** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **60, 24.872, 11.922**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 20.854, 186.563**, and **52, 21.367, 184.634** is the 20% darker color. If you saturate the color by 10%, you get **71, 26.870, 184.890**, and if you desaturate by 10%, it is **73, 14.947, 186.680**.

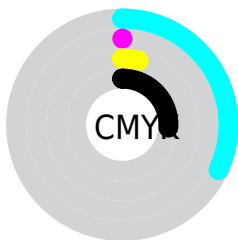
Distribution



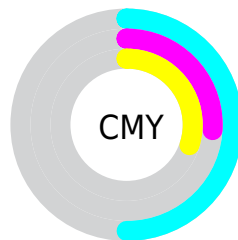
- Red (50%)
- Green (74%)
- Blue (71%)



- Red (50%)
- Yellow (63%)
- Blue (74%)



- Cyan (32%)
- Magenta (0%)
- Yellow (4%)
- Black (26%)





- Cyan (50%)
- Magenta (26%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 21.170, 185.804 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 72, 21.170, 185.804 by changing the saturation by 10% instead.

 72, 21.170,
185.804


 72, 21.170,
185.804


 100, 21.170,
185.804


 62, 21.170,
185.804


 92, 21.170,
185.804

 52, 21.170,
185.804

 42, 21.170,
185.804

 32, 21.170,
185.804

 22, 21.170,
185.804

 12, 21.170,
185.804

 2, 21.170, 185.804

0, 21.170, 185.804

72, 21.170,
185.804

72, 21.170,
185.804

71, 26.870,
184.890

73, 14.947,
186.680

70, 31.930,
183.932

74, 8.316, 187.547

70, 36.253,
182.912

76, 1.388, 188.666

77, 5.740, 9.013

69, 39.770,
181.809

79, 12.985, 9.842

69, 42.456,
180.604

81, 20.279, 10.619

82, 26.035, 10.601

68, 44.345,
179.278

83, 26.189, 7.759

■ 68, 45.449,
178.150

■ 83, 26.411, 4.961

Harmonies

Complementary

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



72, 21.170, 185.804



60, 24.872, 11.922

Rectangle

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



72, 21.170, 185.804



72, 21.170, 235.804



72, 21.170, 5.804



72, 21.170, 55.804

Sweetspot

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



72, 21.171, 185.801



95, 8.651, 187.706



71, 38.121, 138.920



50, 5.885, 187.582



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



72, 21.171, 185.801



91, 30.560, 185.199



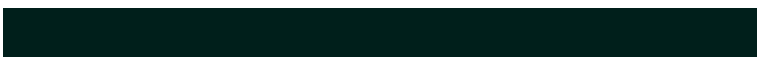
66, 17.240, 243.948



39, 3.974, 187.779



58, 39.956, 178.353



9, 12.526, 182.588

Inverse Universe

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



60, 24.872, 11.922



73, 37.277, 12.979



65, 20.278, 57.027



37, 4.152, 9.207



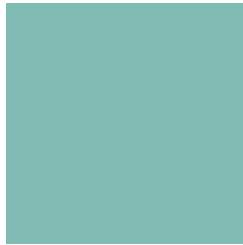
33, 67.493, 33.360



3, 12.383, 11.771

Previews

White Background



This preview shows how the CIELCh color 72, 21.170, 185.804 looks on a white background.

Color Contrast Check

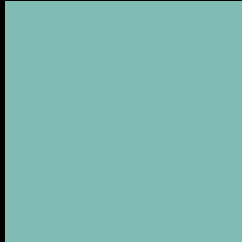
Large Text (above 18pt) WCAG AA × Fail

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 72, 21.170, 185.804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

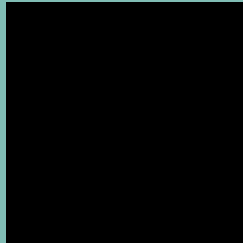
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 21.170, 185.804

Background



This preview shows how black text looks on a background with the CIELCh color 72, 21.170, 185.804.

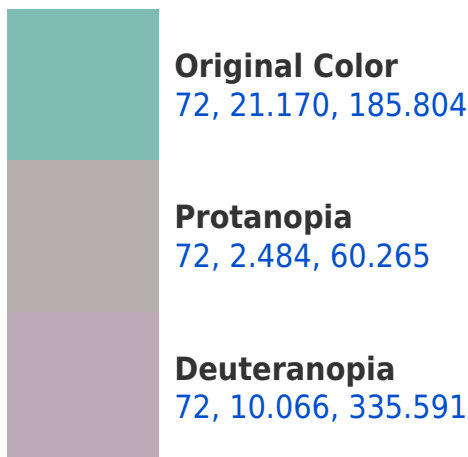


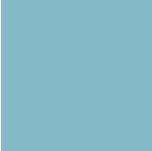
This preview shows how white text looks on a background with the CIELCh color 72, 21.170, 185.804.

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
72, 18.749, 222.358

Trichromacy



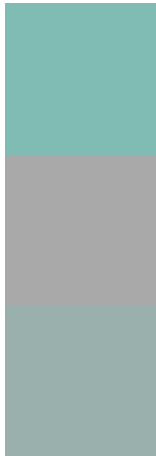
Original Color
72, 21.170, 185.804

Protanomaly
72, 7.544, 177.663

Deuteranomaly
71, 4.590, 244.880

Tritanomaly
72, 18.861, 208.059

Monochromacy



Original Color
72, 21.170, 185.804

Achromatopsia
69, 0.009, 296.813

Achromatomaly
70, 8.246, 187.256

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 21.170, 185.804 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(128, 188, 180)` looks like.

```
.text, #text, p{  
    color:rgb(128, 188, 180)  
}
```

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(128, 188, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 188, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 21.170, 185.804 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(128, 188, 180) }
```

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

```
.border{ border-color:rgb(128, 188, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 188, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 188, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 188, 180);  
box-shadow:4px 4px 4px 4px rgb(128, 188,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 21.170, 185.804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 188, 180) }
```

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

```
.background{ background-color: rgb(128,  
188, 180) }
```

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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