

Converting Colors

CIELCh(72, 33.304, 191.870)

Have a look what the booklet for
CIELCh(72, 33.304, 191.870)
contains.

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Color

CIELCh(72, 33.304, 192.144)

Conversions

Conversions Part 1

Format	Color
Hex	52C1BC
RGB	82, 193, 188
RGB Percent	32%, 76%, 74%
CMY	0.6776, 0.2424, 0.2621
CMYK	0.57, 0.00, 0.03, 0.24
HSL	177°, 47%, 54%
HSV	177°, 57%, 76%
XYZ	31.7018, 43.6590, 54.4314
YIQ	159.2410, -64.5510, -25.0870

Conversions

Conversions Part 2

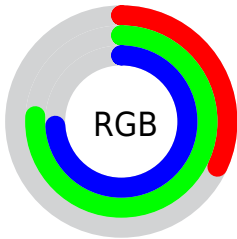
Format	Color
R _Y B	82, 139, 193
Decimal	5423548
CIE Lab	72.00, -32.56, -7.01
CIE LCh	72, 33.304, 192.144
Yxy	43.6590, 0.2443, 0.3364
Android (android.graphics.Color)	4283613628 (0xFF52C1BC)
YUV	159.2410, 14.1782, -67.7404
Hunter-Lab	66.0750, -29.9895, -2.5896

Details

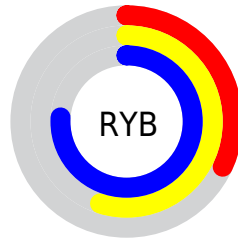
The CIELCh color **72, 33.304, 192.144** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted spring green. A complement of this color would be **50, 49.035, 23.575**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 33.276, 191.917**, and **52, 32.619, 192.161** is the 20% darker color. If you saturate the color by 10%, you get **71, 36.752, 191.576**, and if you desaturate by 10%, it is **73, 29.013, 192.719**.

Distribution



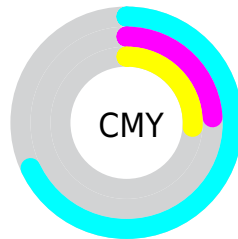
- Red (32%)
- Green (76%)
- Blue (74%)



- Red (32%)
- Yellow (55%)
- Blue (76%)



- Cyan (57%)
- Magenta (0%)
- Yellow (3%)
- Black (24%)





- Cyan (68%)
- Magenta (24%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 33.304, 192.144 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, 33.304, 192.144 by changing the saturation by 10% instead.


 72, 33.304,
192.144


 72, 33.304,
192.144


 100, 33.304,
192.144


 62, 33.304,
192.144


 92, 33.304,
192.144

 52, 33.304,
192.144

 42, 33.304,
192.144

 32, 33.304,
192.144

 22, 33.304,
192.144

 12, 33.304,
192.144

 2, 33.304, 192.144

0, 33.304, 192.144

72, 33.304,
192.144

72, 33.304,
192.144

71, 36.752,
191.576

73, 29.013,
192.719

71, 39.326,
191.010

74, 23.955,
193.313

71, 41.042,
190.434

75, 18.227,
193.928

71, 42.010,
189.836

76, 11.945,
194.570

71, 42.210,
189.683

77, 5.224, 195.270

79, 1.828, 15.535

80, 9.113, 16.436

■ 82, 16.548, 17.136

■ 84, 23.649, 17.725

Harmonies

Complementary

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



72, 33.304, 192.144



50, 49.035, 23.575

Rectangle

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



72, 33.304, 192.144



72, 33.304, 242.144



72, 33.304, 12.144



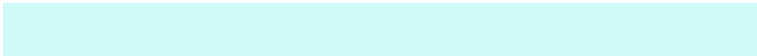
72, 33.304, 62.144

Sweetspot

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



72, 33.304, 192.142



95, 14.353, 194.581



70, 69.685, 138.645



50, 9.544, 194.449



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



72, 33.304, 192.142



90, 45.526, 191.427



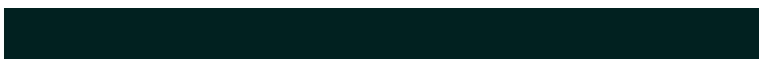
57, 32.308, 261.140



40, 3.970, 195.125



60, 36.799, 189.770



11, 12.767, 191.309

Inverse Universe

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



50, 49.035, 23.575



58, 73.717, 27.353



60, 40.456, 63.337



38, 4.190, 16.269



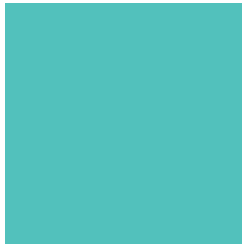
33, 71.964, 37.881



3, 14.020, 16.941

Previews

White Background



This preview shows how the CIELCh color 72, 33.304, 192.144 looks on a white background.

Color Contrast Check

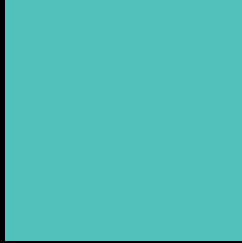
Large Text (above 18pt) WCAG AA × Fail

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 72, 33.304, 192.144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

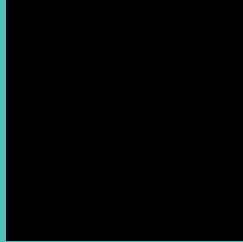
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

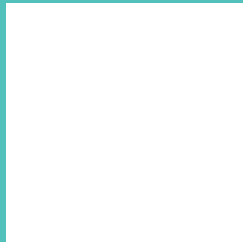
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 33.304, 192.144

Background



This preview shows how black text looks on a background with the CIELCh color 72, 33.304, 192.144.

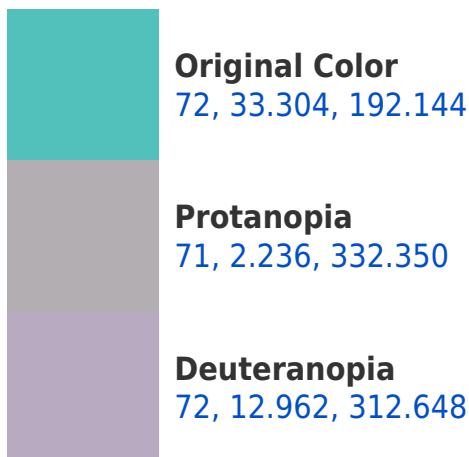


This preview shows how white text looks on a background with the CIELCh color 72, 33.304, 192.144.

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



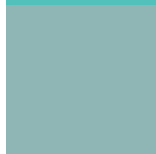


Tritanopia
72, 30.033, 214.398

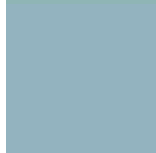
Trichromacy



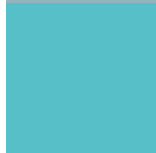
Original Color
72, 33.304, 192.144



Protanomaly
71, 13.382, 198.358



Deuteranomaly
71, 12.668, 229.975

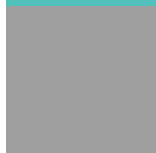


Tritanomaly
72, 30.569, 206.516

Monochromacy



Original Color
72, 33.304, 192.144



Achromatopsia
65, 0.008, 296.813



Achromatomaly
67, 14.194, 195.992

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 33.304, 192.144 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(82, 193, 188)` looks like.

```
.text, #text, p{  
    color:rgb(82, 193, 188)  
}
```

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(82, 193, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 193, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 33.304, 192.144 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(82, 193, 188) }
```

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

```
.border{ border-color:rgb(82, 193, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 193, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 193, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 193, 188);  
box-shadow:4px 4px 4px 4px rgb(82, 193,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 33.304, 192.144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 193, 188) }
```

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

```
.background{ background-color: rgb(82, 193,  
188) }
```

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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