

Converting Colors

CIELCh(72, 25.680, 209.176)

Have a look what the booklet for
CIELCh(72, 25.680, 209.176)
contains.

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Color

CIELCh(72, 25.771, 208.605)

Conversions

Conversions Part 1

Format	Color
Hex	6BBDC6
RGB	107, 189, 198
RGB Percent	42%, 74%, 78%
CMY	0.5799, 0.2584, 0.2231
CMYK	0.46, 0.05, 0.00, 0.22
HSL	186°, 44%, 60%
HSV	186°, 46%, 78%
XYZ	34.5050, 43.6590, 60.1032
YIQ	165.5080, -51.7610, -14.5850

Conversions

Conversions Part 2

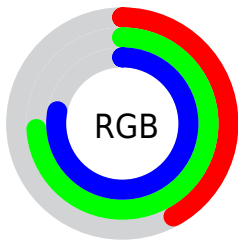
Format	Color
RYB	107, 150, 198
Decimal	7060934
CIELab	72.00, -22.63, -12.34
CIELCh	72, 25.771, 208.605
Yxy	43.6590, 0.2496, 0.3158
Android (android.graphics.Color)	4285251014 (0xFF6BBDC6)
YUV	165.5080, 16.0186, -51.3115
Hunter-Lab	66.0750, -22.4166, -7.6790

Details

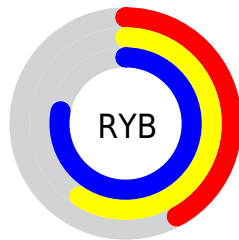
The CIELCh color **72, 25.771, 208.605** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **58, 36.487, 31.222**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 25.782, 209.546**, and **52, 25.759, 208.891** is the 20% darker color. If you saturate the color by 10%, you get **71, 29.645, 209.038**, and if you desaturate by 10%, it is **73, 21.154, 208.356**.

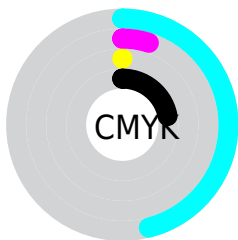
Distribution



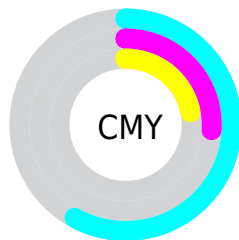
- Red (42%)
- Green (74%)
- Blue (78%)



- Red (42%)
- Yellow (59%)
- Blue (78%)



- Cyan (46%)
- Magenta (5%)
- Yellow (0%)
- Black (22%)





- Cyan (58%)
- Magenta (26%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 25.771, 208.605 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, 25.771, 208.605 by changing the saturation by 10% instead.


 72, 25.771,
208.605

 72, 25.771,
208.605


 100, 25.771,
208.605


 62, 25.771,
208.605


 92, 25.771,
208.605

 52, 25.771,
208.605

 42, 25.771,
208.605

 32, 25.771,
208.605

 22, 25.771,
208.605

 12, 25.771,
208.605

 2, 25.771, 208.605

0, 25.771, 208.605

72, 25.771,
208.605

72, 25.771,
208.605

71, 29.645,
209.038

73, 21.154,
208.356

70, 32.699,
209.696

75, 15.893,
208.265

69, 34.892,
210.616

77, 10.094,
208.311

68, 36.233,
211.836

79, 3.862, 208.523

67, 36.804,
213.383

81, 2.707, 28.378

67, 36.926,
214.065

83, 9.528, 28.786

85, 16.529, 29.116

■ 86, 19.529, 30.969

■ 87, 19.024, 34.268

Harmonies

Complementary

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



72, 25.771, 208.605



58, 36.487, 31.222

Rectangle

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



72, 25.771, 208.605



72, 25.771, 258.605



72, 25.771, 28.605



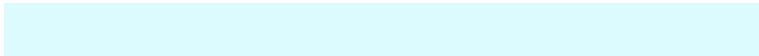
72, 25.771, 78.605

Sweetspot

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



72, 25.771, 208.603



97, 10.943, 208.332



73, 55.758, 143.028



51, 7.506, 208.306



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 25.771, 208.603



89, 35.804, 209.032



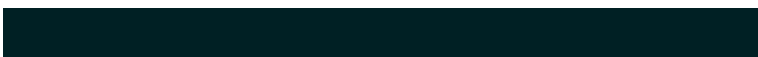
59, 31.574, 272.241



41, 3.671, 208.419



56, 32.013, 213.787



10, 11.804, 209.562

Inverse Universe

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



58, 54.960, 329.895



69, 78.909, 330.445



68, 33.653, 77.777



39, 6.899, 327.752



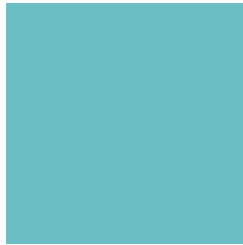
38, 76.638, 332.561



4, 24.553, 330.530

Previews

White Background



This preview shows how the CIELCh color 72, 25.771, 208.605 looks on a white background.

Color Contrast Check

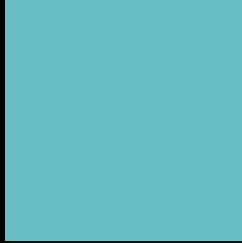
Large Text (above 18pt) WCAG AA × Fail

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, 25.771, 208.605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

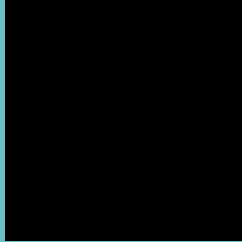
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

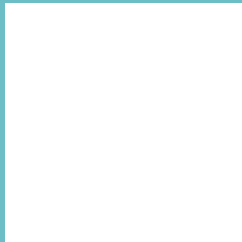
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 25.771, 208.605

Background



This preview shows how black text looks on a background with the CIELCh color 72, 25.771, 208.605.

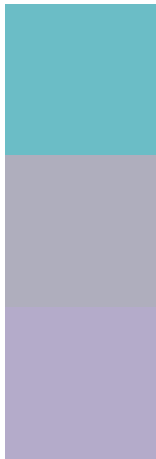


This preview shows how white text looks on a background with the CIELCh color 72, 25.771, 208.605.

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
72, 25.771, 208.605

Protanopia
72, 8.200, 293.515

Deuteranopia
72, 17.281, 302.397



Tritanopia
72, 25.331, 216.677

Trichromacy



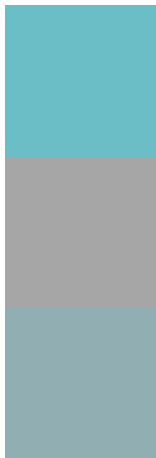
Original Color
72, 25.771, 208.605

Protanomaly
71, 12.114, 234.786

Deuteranomaly
71, 14.916, 256.612

Tritanomaly
72, 25.423, 213.961

Monochromacy



Original Color
72, 25.771, 208.605

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 10.491, 210.760

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 25.771, 208.605 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(107, 189, 198)` looks like.

```
.text, #text, p{  
    color:rgb(107, 189, 198)  
}
```

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(107, 189, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 189, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 25.771, 208.605 is called "border". The border property can be set on classes, ids or directly on the HTML element.

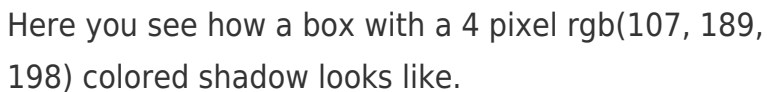
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(107, 189, 198) }
```

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

```
.border{ border-color:rgb(107, 189, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(107, 189, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(107, 189, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(107, 189, 198); box-shadow:4px 4px 4px 4px rgb(107, 189, 198) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 25.771, 208.605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 189, 198) }
```

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

```
.background{ background-color: rgb(107,  
189, 198) }
```

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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