

Converting Colors

CIELCh(72, 28.532, 207.880)

Have a look what the booklet for
CIELCh(72, 28.532, 207.880)
contains.

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Color

CIELCh(72, 28.494, 208.486)

Conversions

Conversions Part 1

Format	Color
Hex	60BEC8
RGB	96, 190, 200
RGB Percent	38%, 75%, 78%
CMY	0.6222, 0.2536, 0.2144
CMYK	0.52, 0.05, 0.00, 0.21
HSL	186°, 49%, 58%
HSV	186°, 52%, 79%
XYZ	33.8078, 43.6590, 61.4894
YIQ	163.0340, -59.2340, -16.8180

Conversions

Conversions Part 2

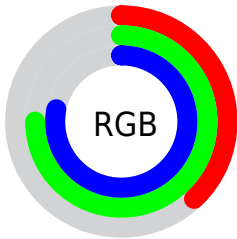
Format	Color
RYB	96, 145, 200
Decimal	6340296
CIELab	72.00, -25.04, -13.59
CIELCh	72, 28.494, 208.486
Yxy	43.6590, 0.2433, 0.3142
Android (android.graphics.Color)	4284530376 (0xFF60BEC8)
YUV	163.0340, 18.2242, -58.7888
Hunter-Lab	66.0750, -24.3002, -8.9228

Details

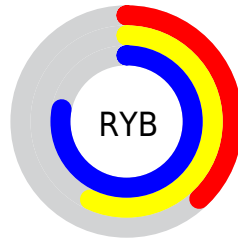
The CIELCh color **72, 28.494, 208.486** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **56, 42.603, 31.797**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 28.553, 206.089**, and **52, 28.480, 208.735** is the 20% darker color. If you saturate the color by 10%, you get **71, 31.920, 209.023**, and if you desaturate by 10%, it is **73, 24.265, 208.150**.

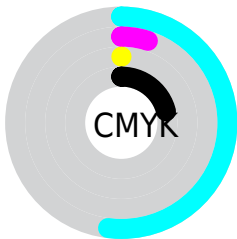
Distribution



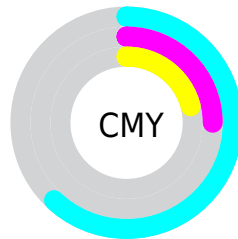
- Red (38%)
- Green (75%)
- Blue (78%)



- Red (38%)
- Yellow (57%)
- Blue (78%)



- Cyan (52%)
- Magenta (5%)
- Yellow (0%)
- Black (21%)



- Cyan (62%)
- Magenta (25%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 28.494, 208.486 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, 28.494, 208.486 by changing the saturation by 10% instead.

 72, 28.494,
208.486

 72, 28.494,
208.486


 100, 28.494,
208.486

 62, 28.494,
208.486

 92, 28.494,
208.486

 52, 28.494,
208.486

 42, 28.494,
208.486

 32, 28.494,
208.486

 22, 28.494,
208.486

 12, 28.494,
208.486

 2, 28.494, 208.486

0, 28.494, 208.486

72, 28.494,
208.486

72, 28.494,
208.486

71, 31.920,
209.023

73, 24.265,
208.150

70, 34.485,
209.802

75, 19.323,
207.987

69, 36.177,
210.860

77, 13.771,
207.968

68, 37.046,
212.228

78, 7.718, 208.081

67, 37.311,
213.531

80, 1.266, 208.618

82, 5.490, 28.316

85, 12.470, 28.663

■ 87, 18.983, 29.237

■ 87, 18.455, 32.534

Harmonies

Complementary

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



72, 28.494, 208.486



56, 42.603, 31.797

Rectangle

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



72, 28.494, 208.486



72, 28.494, 258.486



72, 28.494, 28.486



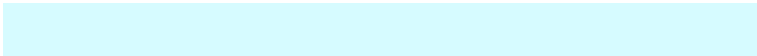
72, 28.494, 78.486

Sweetspot

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



72, 28.494, 208.484



96, 12.460, 208.015



73, 62.992, 142.336



51, 8.358, 207.993



0, 0.000, 0.000



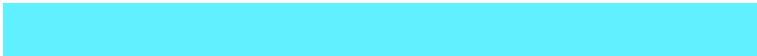
53, 0.007, 296.813

Same Dimension

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



72, 28.494, 208.484



88, 38.628, 209.088



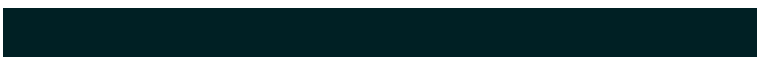
57, 36.035, 273.860



41, 3.680, 208.135



56, 32.081, 213.248



10, 11.829, 209.160

Inverse Universe

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



57, 61.986, 330.139



67, 86.950, 330.726



67, 38.675, 76.924



39, 6.912, 327.669



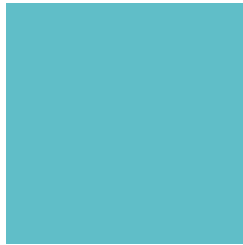
38, 76.800, 332.430



4, 24.611, 330.423

Previews

White Background



This preview shows how the CIELCh color 72, 28.494, 208.486 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, 28.494, 208.486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

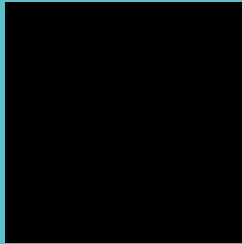
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 28.494, 208.486

Background



This preview shows how black text looks on a background with the CIELCh color 72, 28.494, 208.486.

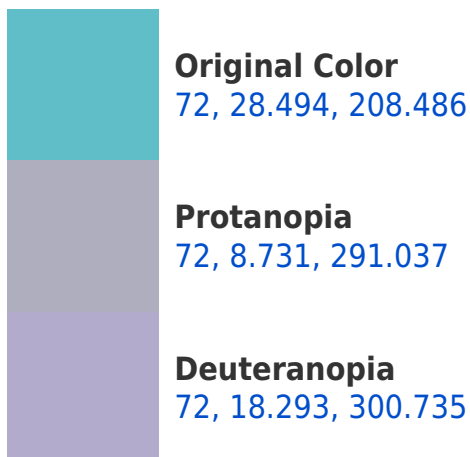


This preview shows how white text looks on a background with the CIELCh color 72, 28.494, 208.486.

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, 28.197, 214.473

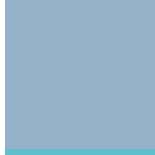
Trichromacy



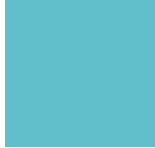
Original Color
72, 28.494, 208.486



Protanomaly
71, 13.701, 232.714



Deuteranomaly
71, 16.475, 255.219

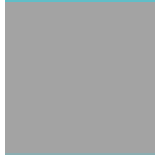


Tritanomaly
72, 28.323, 212.039

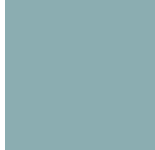
Monochromacy



Original Color
72, 28.494, 208.486



Achromatopsia
67, 0.008, 296.813



Achromatomaly
68, 12.135, 208.976

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 28.494, 208.486 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(96, 190, 200)` looks like.

```
.text, #text, p{  
    color:rgb(96, 190, 200)  
}
```

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(96, 190, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 190, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 28.494, 208.486 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(96, 190, 200) }
```

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

```
.border{ border-color:rgb(96, 190, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 190, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 190, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 190, 200);  
box-shadow:4px 4px 4px 4px rgb(96, 190,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 28.494, 208.486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 190, 200) }
```

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

```
.background{ background-color: rgb(96, 190,  
200) }
```

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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