

Converting Colors

CIELCh(72, 26.979, 215.799)

Have a look what the booklet for
CIELCh(72, 26.979, 215.799)
contains.

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Color

CIELCh(72, 26.906, 215.411)

Conversions

Conversions Part 1

Format	Color
Hex	67BDCC
RGB	103, 189, 204
RGB Percent	40%, 74%, 80%
CMY	0.5959, 0.2587, 0.1998
CMYK	0.49, 0.07, 0.00, 0.20
HSL	189°, 50%, 60%
HSV	189°, 49%, 80%
XYZ	34.7076, 43.6590, 63.7486
YIQ	164.9960, -56.0710, -13.5670

Conversions

Conversions Part 2

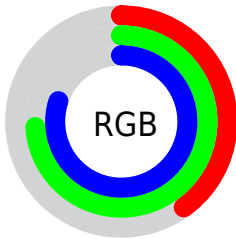
Format	Color
RYB	103, 149, 204
Decimal	6798796
CIELab	72.00, -21.93, -15.59
CIElCh	72, 26.906, 215.411
Yxy	43.6590, 0.2442, 0.3072
Android (android.graphics.Color)	4284988876 (0xFF67BDCC)
YUV	164.9960, 19.2290, -54.3705
Hunter-Lab	66.0750, -21.8694, -10.9500

Details

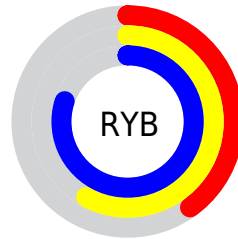
The CIELCh color **72, 26.906, 215.411** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **59, 39.403, 35.507**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 26.554, 209.158**, and **52, 26.906, 216.218** is the 20% darker color. If you saturate the color by 10%, you get **70, 30.484, 216.409**, and if you desaturate by 10%, it is **74, 22.576, 214.695**.

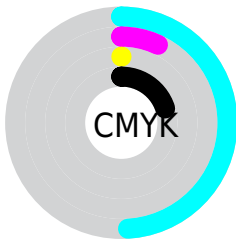
Distribution



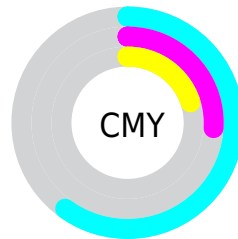
- Red (40%)
- Green (74%)
- Blue (80%)



- Red (40%)
- Yellow (58%)
- Blue (80%)



- Cyan (49%)
- Magenta (7%)
- Yellow (0%)
- Black (20%)





- Cyan (60%)
- Magenta (26%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 26.906, 215.411 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, 26.906, 215.411 by changing the saturation by 10% instead.


 72, 26.906,
215.411


 72, 26.906,
215.411


 100, 26.906,
215.411


 62, 26.906,
215.411


 92, 26.906,
215.411

 52, 26.906,
215.411

 42, 26.906,
215.411

 32, 26.906,
215.411

 22, 26.906,
215.411

 12, 26.906,
215.411

 2, 26.906, 215.411

■ 0, 26.906, 215.411

■ 72, 26.906,
215.411

■ 72, 26.906,
215.411

■ 70, 30.484,
216.409

■ 74, 22.576,
214.695

■ 69, 33.248,
217.754

■ 76, 17.587,
214.215

■ 68, 35.175,
219.510

■ 78, 12.040,
213.928

■ 66, 36.307,
221.737

■ 80, 6.037, 213.818

■ 65, 36.826,
224.415

■ 82, 0.326, 31.962

■ 85, 6.964, 33.650

■ 65, 36.849,
224.553

■ 87, 13.806, 33.804

■ 89, 16.540, 37.211

■ 89, 16.014, 43.586

Harmonies

Complementary

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



72, 26.906, 215.411



59, 39.403, 35.507

Rectangle

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



72, 26.906, 215.411



72, 26.906, 265.411



72, 26.906, 35.411



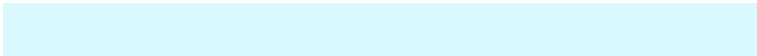
72, 26.906, 85.411

Sweetspot

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



72, 26.906, 215.409



96, 11.246, 213.857



74, 59.138, 144.050



51, 7.624, 213.888



0, 0.000, 0.000



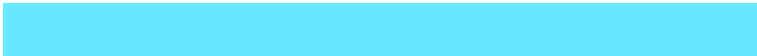
53, 0.007, 296.813

Same Dimension

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



72, 26.906, 215.409



86, 36.163, 216.440



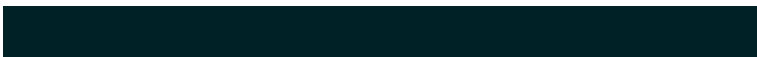
58, 37.332, 277.529



42, 3.606, 213.818



54, 31.588, 224.081



11, 11.900, 217.647

Inverse Universe

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



58, 58.243, 331.849



67, 80.802, 332.502



70, 38.410, 81.751



40, 6.804, 329.326



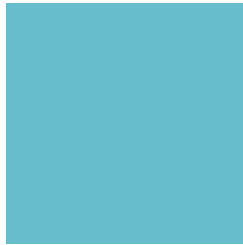
38, 74.602, 335.116



5, 25.732, 333.016

Previews

White Background



This preview shows how the CIELCh color 72, 26.906, 215.411 looks on a white background.

Color Contrast Check

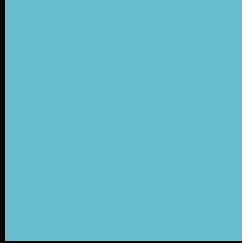
Large Text (above 18pt) WCAG AA × Fail

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, 26.906, 215.411 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, 26.906, 215.411

Background



This preview shows how black text looks on a background with the CIELCh color 72, 26.906, 215.411.



This preview shows how white text looks on a background with the CIELCh color 72, 26.906, 215.411.

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, 26.906, 215.411

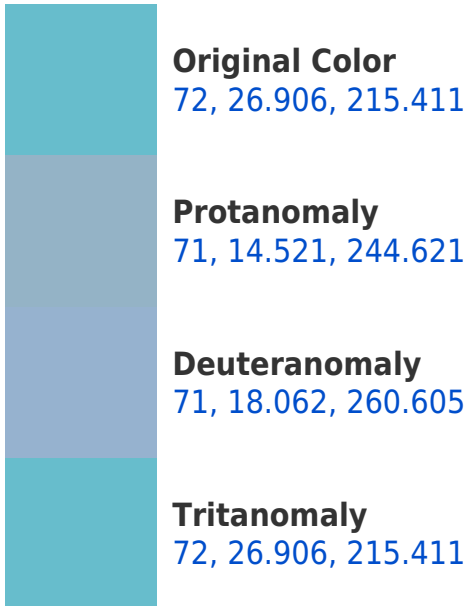
Protanopia
72, 11.456, 289.518

Deuteranopia
72, 20.358, 297.980

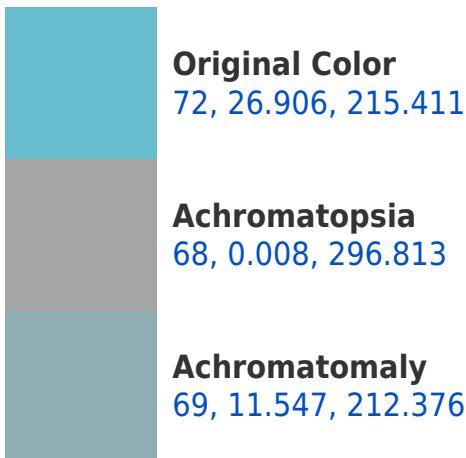


Tritanopia
72, 26.906, 215.411

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 26.906, 215.411 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(103, 189, 204)` looks like.

```
.text, #text, p{  
    color:rgb(103, 189, 204)  
}
```

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(103, 189, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 189, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 26.906, 215.411 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(103, 189, 204) }
```

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

```
.border{ border-color:rgb(103, 189, 204) }
```

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

Here you see how a box with a 4 pixel rgb(103, 189, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 189, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 189, 204);  
box-shadow:4px 4px 4px 4px rgb(103, 189,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 26.906, 215.411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 189, 204) }
```

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

```
.background{ background-color: rgb(103,  
189, 204) }
```

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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