

Converting Colors

CIELCh(72, 26.575, 216.379)

Have a look what the booklet for
CIELCh(72, 26.575, 216.379)
contains.

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Color

CIELCh(72, 26.687, 215.577)

Conversions

Conversions Part 1

Format	Color
Hex	68BDCC
RGB	104, 189, 204
RGB Percent	41%, 74%, 80%
CMY	0.5924, 0.2591, 0.2003
CMYK	0.49, 0.07, 0.00, 0.20
HSL	189°, 49%, 60%
HSV	189°, 49%, 80%
XYZ	34.7727, 43.6590, 63.6755
YIQ	165.2950, -55.4750, -13.3550

Conversions

Conversions Part 2

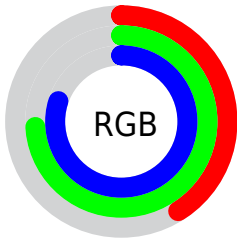
Format	Color
RYB	104, 150, 204
Decimal	6864332
CIELab	72.00, -21.71, -15.53
CIELCh	72, 26.687, 215.577
Yxy	43.6590, 0.2447, 0.3072
Android (android.graphics.Color)	4285054412 (0xFF68BDCC)
YUV	165.2950, 19.0816, -53.7557
Hunter-Lab	66.0750, -21.6935, -10.8845

Details

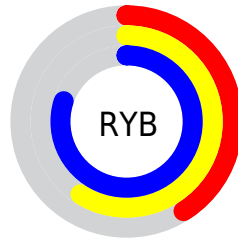
The CIELCh color **72, 26.687, 215.577** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **59, 38.911, 35.584**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 26.298, 209.284**, and **52, 26.632, 216.444** is the 20% darker color. If you saturate the color by 10%, you get **70, 30.299, 216.575**, and if you desaturate by 10%, it is **74, 22.329, 214.861**.

Distribution



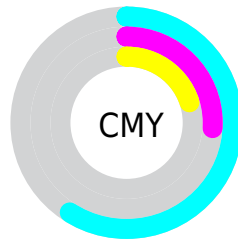
- Red (41%)
- Green (74%)
- Blue (80%)



- Red (41%)
- Yellow (59%)
- Blue (80%)



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





- Cyan (59%)
- Magenta (26%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 26.687, 215.577 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, 26.687, 215.577 by changing the saturation by 10% instead.


 72, 26.687,
215.577


 72, 26.687,
215.577


 100, 26.687,
215.577


 62, 26.687,
215.577


 92, 26.687,
215.577

 52, 26.687,
215.577

 42, 26.687,
215.577

 32, 26.687,
215.577

 22, 26.687,
215.577

 12, 26.687,
215.577

 2, 26.687, 215.577

■ 0, 26.687, 215.577

■ 72, 26.687,
215.577

■ 72, 26.687,
215.577

■ 70, 30.299,
216.575

■ 74, 22.329,
214.861

■ 69, 33.100,
217.921

■ 76, 17.318,
214.380

■ 68, 35.067,
219.678

■ 78, 11.755,
214.092

■ 66, 36.239,
221.908

■ 80, 5.742, 213.985

■ 65, 36.780,
224.604

■ 82, 0.625, 32.947

■ 65, 36.825,
224.871

■ 85, 7.264, 33.811

■ 87, 14.104, 33.960

■ 89, 16.536, 37.633

■ 89, 16.020, 44.082

Harmonies

Complementary

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



72, 26.687, 215.577



59, 38.911, 35.584

Rectangle

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



72, 26.687, 215.577



72, 26.687, 265.577



72, 26.687, 35.577



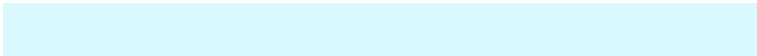
72, 26.687, 85.577

Sweetspot

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



72, 26.687, 215.575



96, 11.235, 214.028



74, 58.602, 144.105



51, 7.616, 214.060



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, 26.687, 215.575



86, 36.133, 216.661



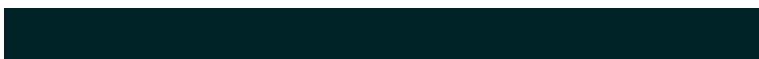
58, 36.957, 277.406



42, 3.602, 213.984



54, 31.579, 224.395



11, 11.893, 217.887

Inverse Universe

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



58, 57.675, 331.873



67, 80.723, 332.558



71, 38.022, 81.818



40, 6.797, 329.374



38, 74.518, 335.196



5, 25.701, 333.080

Previews

White Background



This preview shows how the CIELCh color 72, 26.687, 215.577 looks on a white background.

Color Contrast Check

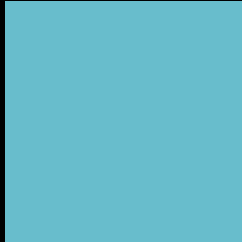
Large Text (above 18pt) WCAG AA × Fail

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, 26.687, 215.577 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, 26.687, 215.577

Background



This preview shows how black text looks on a background with the CIELCh color 72, 26.687, 215.577.

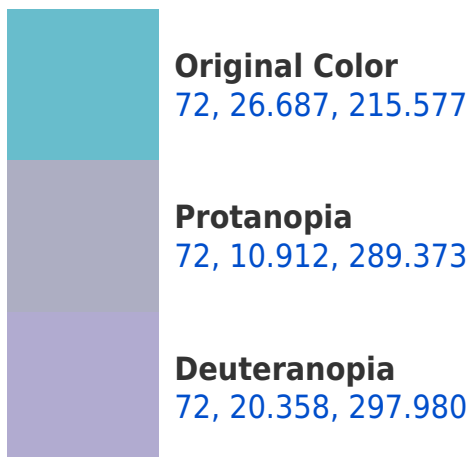


This preview shows how white text looks on a background with the CIELCh color 72, 26.687, 215.577.

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](#).

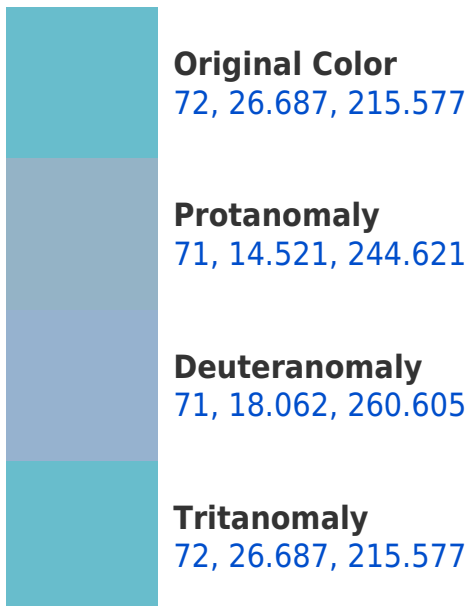
Dichromacy



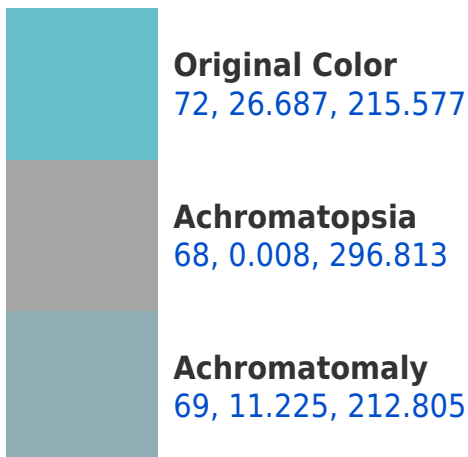


Tritanopia
72, 26.687, 215.577

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 26.687, 215.577 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(104, 189, 204)` looks like.

```
.text, #text, p{  
    color:rgb(104, 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(104, 189, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 189, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 26.687, 215.577 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(104, 189, 204) }
```

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

```
.border{ border-color:rgb(104, 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(104, 189, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 189, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 189, 204);  
box-shadow:4px 4px 4px 4px rgb(104, 189,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 26.687, 215.577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 189, 204) }
```

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

```
.background{ background-color: rgb(104,  
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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