

Converting Colors

CIELCh(72, 26.886, 221.955)

Have a look what the booklet for
CIELCh(72, 26.886, 221.955)
contains.

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Color

CIELCh(72, 26.735, 221.980)

Conversions

Conversions Part 1

Format	Color
Hex	69BCD0
RGB	105, 188, 208
RGB Percent	41%, 74%, 82%
CMY	0.5872, 0.2618, 0.1833
CMYK	0.49, 0.10, 0.00, 0.18
HSL	192°, 52%, 61%
HSV	192°, 49%, 82%
XYZ	35.3097, 43.6590, 66.4044
YIQ	165.4630, -55.8880, -11.3760

Conversions

Conversions Part 2

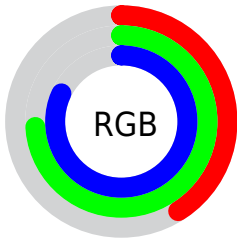
Format	Color
RYB	105, 151, 208
Decimal	6929616
CIELab	72.00, -19.87, -17.88
CIElCh	72, 26.735, 221.980
Yxy	43.6590, 0.2429, 0.3003
Android (android.graphics.Color)	4285119696 (0xFF69BCD0)
YUV	165.4630, 20.9707, -53.0261
Hunter-Lab	66.0750, -20.2430, -13.3331

Details

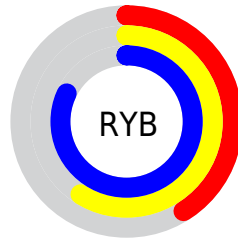
The CIELCh color **72, 26.735, 221.980** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **61, 38.872, 39.322**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 25.820, 210.730**, and **52, 26.809, 221.826** is the 20% darker color. If you saturate the color by 10%, you get **70, 30.382, 223.448**, and if you desaturate by 10%, it is **74, 22.377, 220.873**.

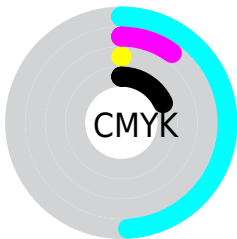
Distribution



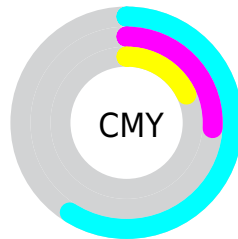
- Red (41%)
- Green (74%)
- Blue (82%)



- Red (41%)
- Yellow (59%)
- Blue (82%)



- Cyan (49%)
- Magenta (10%)
- Yellow (0%)
- Black (18%)





- Cyan (59%)
- Magenta (26%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 26.735, 221.980 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, 26.735, 221.980 by changing the saturation by 10% instead.


 72, 26.735,
221.980


 72, 26.735,
221.980


 100, 26.735,
221.980


 62, 26.735,
221.980


 92, 26.735,
221.980

 52, 26.735,
221.980

 42, 26.735,
221.980

 32, 26.735,
221.980

 22, 26.735,
221.980

 12, 26.735,
221.980

 2, 26.735, 221.980

0, 26.735, 221.980

72, 26.735,
221.980

72, 26.735,
221.980

70, 30.382,
223.448

74, 22.377,
220.873

68, 33.262,
225.362

76, 17.394,
220.065

67, 35.364,
227.804

79, 11.882,
219.497

65, 36.743,
230.844

81, 5.938, 219.145

64, 37.595,
234.444

84, 0.350, 37.190

64, 37.641,
234.645

86, 6.901, 38.569

89, 13.649, 38.550

■ 90, 14.455, 46.267

■ 91, 14.239, 56.275

Harmonies

Complementary

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



72, 26.735, 221.980



61, 38.872, 39.322

Rectangle

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



72, 26.735, 221.980



72, 26.735, 271.980



72, 26.735, 41.980



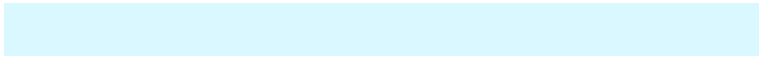
72, 26.735, 91.980

Sweetspot

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



72, 26.734, 221.978



95, 10.936, 219.319



76, 57.958, 145.587



50, 7.415, 219.403



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, 26.734, 221.978



84, 35.484, 223.488



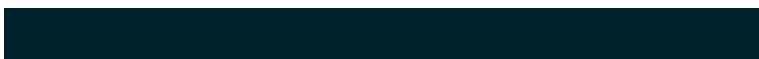
58, 40.613, 281.350



43, 3.576, 219.144



52, 32.084, 234.013



11, 12.201, 225.852

Inverse Universe

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



59, 57.370, 333.589



67, 78.369, 334.336



73, 40.350, 85.946



41, 6.723, 330.880



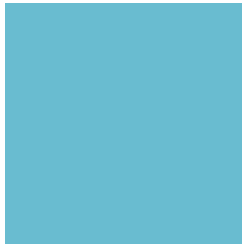
38, 72.880, 337.726



5, 26.777, 335.381

Previews

White Background



This preview shows how the CIELCh color 72, 26.735, 221.980 looks on a white background.

Color Contrast Check

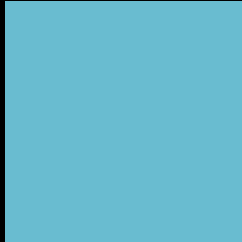
Large Text (above 18pt) WCAG AA × Fail

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, 26.735, 221.980 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, 26.735, 221.980

Background



This preview shows how black text looks on a background with the CIELCh color 72, 26.735, 221.980.



This preview shows how white text looks on a background with the CIELCh color 72, 26.735, 221.980.

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, 26.735, 221.980

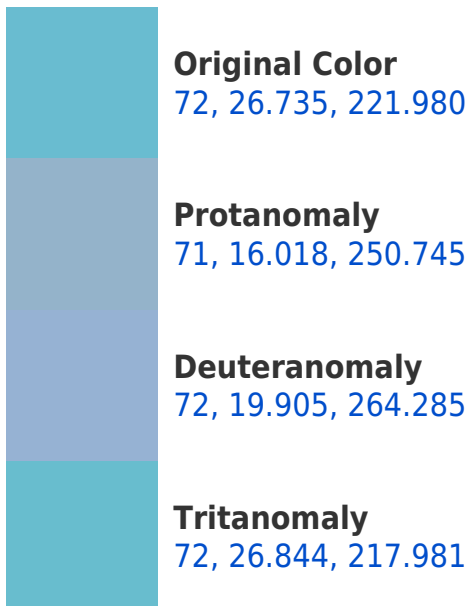
Protanopia
72, 13.642, 288.550

Deuteranopia
72, 21.877, 294.963

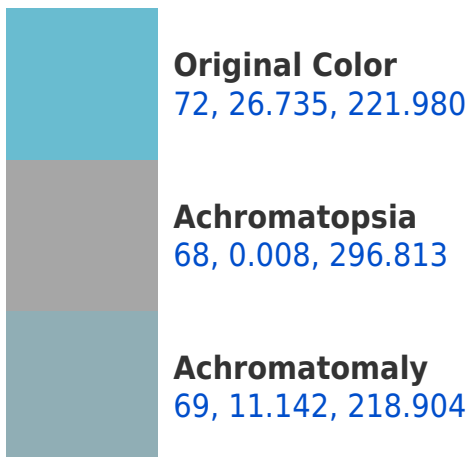


Tritanopia
72, 26.687, 215.577

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 26.735, 221.980 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(105, 188, 208)` looks like.

```
.text, #text, p{  
    color:rgb(105, 188, 208)  
}
```

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(105, 188, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 188, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 26.735, 221.980 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(105, 188, 208) }
```

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

```
.border{ border-color:rgb(105, 188, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 188, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 188, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 188, 208);  
box-shadow:4px 4px 4px 4px rgb(105, 188,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 26.735, 221.980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 188, 208) }
```

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

```
.background{ background-color: rgb(105,  
188, 208) }
```

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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