

Converting Colors

CIELCh(72, 27.279, 225.464)

Have a look what the booklet for
CIELCh(72, 27.279, 225.464)
contains.

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Color

CIELCh(72, 27.162, 225.482)

Conversions

Conversions Part 1

Format	Color
Hex	69BCD3
RGB	105, 188, 211
RGB Percent	41%, 74%, 83%
CMY	0.5883, 0.2628, 0.1726
CMYK	0.50, 0.11, 0.00, 0.17
HSL	193°, 55%, 62%
HSV	193°, 50%, 83%
XYZ	35.5548, 43.6590, 68.1640
YIQ	165.8050, -56.8510, -10.4430

Conversions

Conversions Part 2

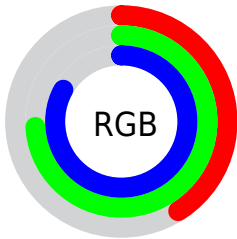
Format	Color
R _Y B	105, 152, 211
Decimal	6929619
CIE Lab	72.00, -19.04, -19.37
CIE LCh	72, 27.162, 225.482
Yxy	43.6590, 0.2412, 0.2962
Android (android.graphics.Color)	4285119699 (0xFF69BCD3)
YUV	165.8050, 22.2811, -53.3260
Hunter-Lab	66.0750, -19.5806, -14.9120

Details

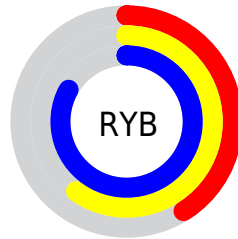
The CIELCh color **72, 27.162, 225.482** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **62, 39.518, 41.349**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 25.820, 210.730**, and **52, 27.173, 224.256** is the 20% darker color. If you saturate the color by 10%, you get **70, 30.829, 227.218**, and if you desaturate by 10%, it is **74, 22.802, 224.151**.

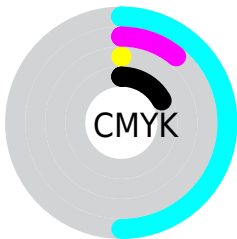
Distribution



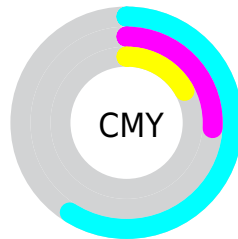
- Red (41%)
- Green (74%)
- Blue (83%)



- Red (41%)
- Yellow (60%)
- Blue (83%)



- Cyan (50%)
- Magenta (11%)
- Yellow (0%)
- Black (17%)




- Cyan (59%)
- Magenta (26%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 27.162, 225.482 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, 27.162, 225.482 by changing the saturation by 10% instead.


 72, 27.162,
225.482

 72, 27.162,
225.482


 100, 27.162,
225.482

 62, 27.162,
225.482


 92, 27.162,
225.482

 52, 27.162,
225.482

 42, 27.162,
225.482

 32, 27.162,
225.482

 22, 27.162,
225.482

 12, 27.162,
225.482

 2, 27.162, 225.482

■ 0, 27.162, 225.482

■ 72, 27.162,
225.482

■ 72, 27.162,
225.482

■ 70, 30.829,
227.218

■ 74, 22.802,
224.151

■ 68, 33.757,
229.451

■ 77, 17.830,
223.154

■ 66, 35.947,
232.268

■ 79, 12.337,
222.425

■ 65, 37.470,
235.734

■ 82, 6.417, 221.930

■ 63, 38.529,
239.661

■ 84, 0.158, 225.018

■ 87, 6.364, 41.128

■ 90, 13.083, 41.019

■ 92, 13.401, 51.511

■ 93, 13.480, 63.635

Harmonies

Complementary

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



72, 27.162, 225.482



62, 39.518, 41.349

Rectangle

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



72, 27.162, 225.482



72, 27.162, 275.482



72, 27.162, 45.482



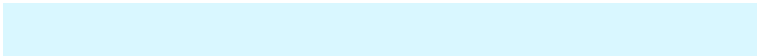
72, 27.162, 95.482

Sweetspot

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



72, 27.161, 225.480



95, 10.819, 222.144



77, 57.990, 146.571



50, 7.337, 222.254



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, 27.161, 225.480



83, 35.723, 227.299



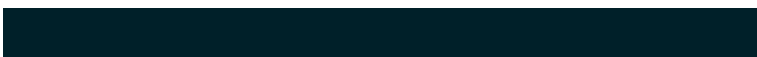
57, 43.675, 283.855



43, 3.537, 221.900



51, 32.483, 238.926



10, 12.205, 229.818

Inverse Universe

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



60, 57.907, 334.566



67, 78.216, 335.383



75, 42.456, 88.456



41, 6.615, 331.691



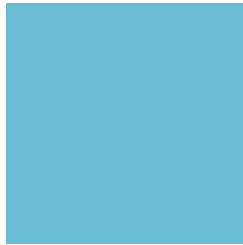
38, 71.674, 339.114



5, 26.309, 336.478

Previews

White Background



This preview shows how the CIELCh color 72, 27.162, 225.482 looks on a white background.

Color Contrast Check

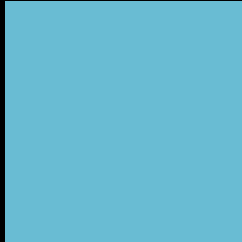
Large Text (above 18pt) WCAG AA × Fail

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, 27.162, 225.482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

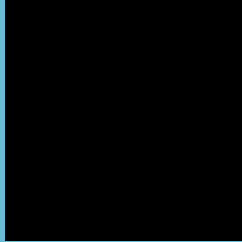
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 27.162, 225.482

Background



This preview shows how black text looks on a background with the CIELCh color 72, 27.162, 225.482.



This preview shows how white text looks on a background with the CIELCh color 72, 27.162, 225.482.

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, 27.162, 225.482

Protanopia

72, 15.286, 287.738

Deuteranopia

72, 22.935, 293.231

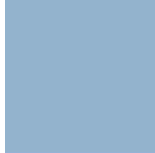


Tritanopia
72, 26.906, 215.411

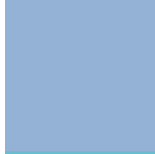
Trichromacy



Original Color
72, 27.162, 225.482



Protanomaly
71, 17.414, 253.779



Deuteranomaly
72, 21.105, 264.352

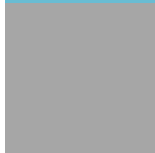


Tritanomaly
72, 26.939, 219.172

Monochromacy



Original Color
72, 27.162, 225.482



Achromatopsia
68, 0.008, 296.813



Achromatomaly
69, 11.300, 221.626

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 27.162, 225.482 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, 211)` looks like.

```
.text, #text, p{  
    color:rgb(105, 188, 211)  
}
```

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, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 188, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 27.162, 225.482 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, 211) }
```

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

```
.border{ border-color:rgb(105, 188, 211) }
```

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, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 188, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 188, 211);  
box-shadow:4px 4px 4px 4px rgb(105, 188,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 27.162, 225.482 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, 211) }
```

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

```
.background{ background-color: rgb(105,  
188, 211) }
```

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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