

Converting Colors

CIELCh(71, 27.961, 240.140)

Have a look what the booklet for
CIELCh(71, 27.961, 240.140)
contains.

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Color

CIELCh(71, 27.906, 240.243)

Conversions

Conversions Part 1

Format	Color
Hex	6DB7D9
RGB	109, 183, 217
RGB Percent	43%, 72%, 85%
CMY	0.5721, 0.2819, 0.1486
CMYK	0.50, 0.16, 0.00, 0.15
HSL	199°, 59%, 64%
HSV	199°, 50%, 85%
XYZ	35.8171, 42.1875, 71.9799
YIQ	164.7500, -55.0180, -5.1140

Conversions

Conversions Part 2

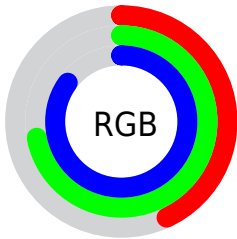
Format	Color
RYB	109, 153, 217
Decimal	7190489
CIELab	71.00, -13.85, -24.23
CIELCh	71, 27.906, 240.243
Yxy	42.1875, 0.2388, 0.2813
Android (android.graphics.Color)	4285380569 (0xFF6DB7D9)
YUV	164.7500, 25.7592, -48.8927
Hunter-Lab	64.9519, -15.2339, -20.2390

Details

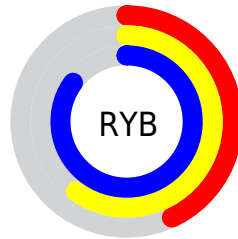
The CIELCh color **71, 27.906, 240.243** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **66, 38.296, 50.513**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 23.910, 218.564**, and **51, 27.882, 240.260** is the 20% darker color. If you saturate the color by 10%, you get **68, 32.179, 242.806**, and if you desaturate by 10%, it is **74, 23.105, 238.188**.

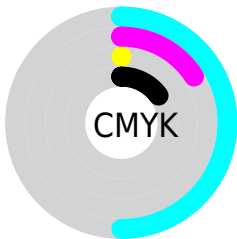
Distribution



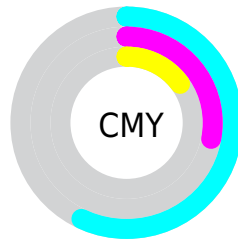
- Red (43%)
- Green (72%)
- Blue (85%)



- Red (43%)
- Yellow (60%)
- Blue (85%)



- Cyan (50%)
- Magenta (16%)
- Yellow (0%)
- Black (15%)





- Cyan (57%)
- Magenta (28%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 27.906, 240.243 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 71, 27.906, 240.243 by changing the saturation by 10% instead.


 71, 27.906,
240.243


 71, 27.906,
240.243


 100, 27.906,
240.243


 61, 27.906,
240.243


 91, 27.906,
240.243

 51, 27.906,
240.243

 41, 27.906,
240.243

 31, 27.906,
240.243

 21, 27.906,
240.243

 11, 27.906,
240.243

 1, 27.906, 240.243

0, 27.906, 240.243

71, 27.906,
240.243

71, 27.906,
240.243

68, 32.179,
242.806

74, 23.105,
238.188

66, 35.909,
245.971

77, 17.829,
236.557

63, 39.134,
249.802

80, 12.145,
235.270

61, 41.962,
254.310

83, 6.125, 234.282

59, 44.616,
259.306

87, 0.162, 50.102

58, 44.688,
259.434

90, 6.653, 52.649

93, 11.408, 58.291

■ 95, 12.354, 78.306

■ 97, 14.527, 93.786

Harmonies

Complementary

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



71, 27.906, 240.243



66, 38.296, 50.513

Rectangle

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



71, 27.906, 240.243



71, 27.906, 290.243



71, 27.906, 60.243



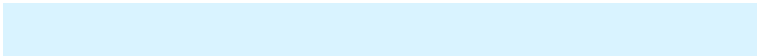
71, 27.906, 110.243

Sweetspot

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



71, 27.905, 240.242



94, 10.626, 234.779



79, 55.164, 149.580



50, 7.215, 234.998



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 27.905, 240.242



79, 36.695, 243.038



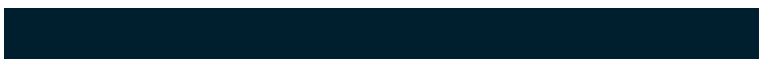
57, 49.391, 288.733



44, 3.601, 234.258



47, 37.482, 258.575



11, 13.913, 248.191

Inverse Universe

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



61, 55.066, 338.873



66, 73.414, 340.001



79, 45.979, 94.462



43, 6.416, 335.512



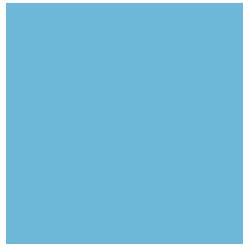
38, 68.553, 345.885



6, 27.753, 342.107

Previews

White Background



This preview shows how the CIE LCh color 71, 27.906, 240.243 looks on a white background.

Color Contrast Check

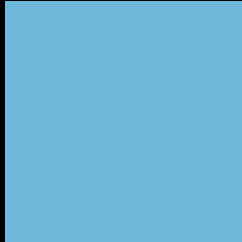
Large Text (above 18pt) WCAG AA × Fail

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 71, 27.906, 240.243 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 71, 27.906, 240.243

Background



This preview shows how black text looks on a background with the CIELCh color 71, 27.906, 240.243.

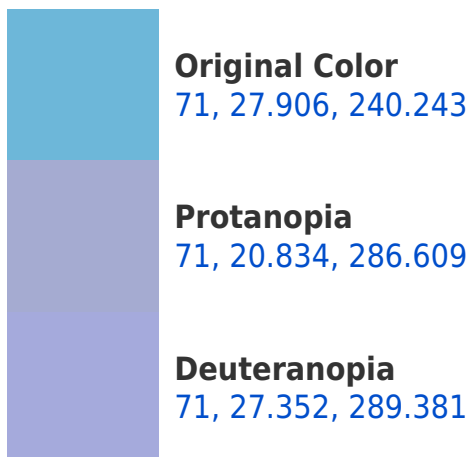


This preview shows how white text looks on a background with the CIELCh color 71, 27.906, 240.243.

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
71, 25.999, 216.155

Trichromacy



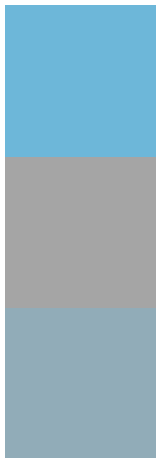
Original Color
71, 27.906, 240.243

Protanomaly
70, 22.105, 265.970

Deuteranomaly
71, 25.504, 270.487

Tritanomaly
71, 26.166, 225.384

Monochromacy



Original Color
71, 27.906, 240.243

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 11.357, 234.456

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 27.906, 240.243 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(109, 183, 217)` looks like.

```
.text, #text, p{  
    color:rgb(109, 183, 217)  
}
```

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(109, 183, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 183, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 27.906, 240.243 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(109, 183, 217) }
```

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

```
.border{ border-color:rgb(109, 183, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 183, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 183, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 183, 217);  
box-shadow:4px 4px 4px 4px rgb(109, 183,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 27.906, 240.243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 183, 217) }
```

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

```
.background{ background-color: rgb(109,  
183, 217) }
```

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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