

Converting Colors

CIELCh(71, 25.149, 237.335)

Have a look what the booklet for
CIELCh(71, 25.149, 237.335)
contains.

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Color

CIELCh(71, 25.230, 237.375)

Conversions

Conversions Part 1

Format	Color
Hex	74B7D4
RGB	116, 183, 212
RGB Percent	45%, 72%, 83%
CMY	0.5462, 0.2834, 0.1697
CMYK	0.45, 0.14, 0.00, 0.17
HSL	198°, 53%, 64%
HSV	198°, 45%, 83%
XYZ	35.8909, 42.1875, 68.3526
YIQ	166.2730, -49.2410, -5.1850

Conversions

Conversions Part 2

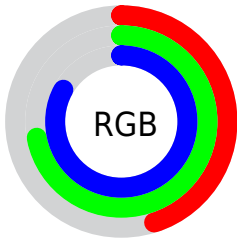
Format	Color
RYB	116, 155, 212
Decimal	7649236
CIELab	71.00, -13.60, -21.25
CIELCh	71, 25.230, 237.375
Yxy	42.1875, 0.2451, 0.2881
Android (android.graphics.Color)	4285839316 (0xFF74B7D4)
YUV	166.2730, 22.5434, -44.0894
Hunter-Lab	64.9519, -15.0310, -16.9280

Details

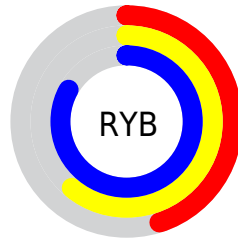
The CIELCh color **71, 25.230, 237.375** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **66, 33.763, 49.385**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 22.373, 220.123**, and **51, 25.184, 236.889** is the 20% darker color. If you saturate the color by 10%, you get **68, 29.575, 239.608**, and if you desaturate by 10%, it is **74, 20.364, 235.600**.

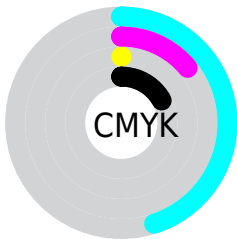
Distribution



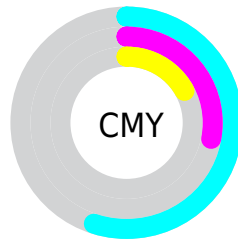
- Red (45%)
- Green (72%)
- Blue (83%)



- Red (45%)
- Yellow (61%)
- Blue (83%)



- Cyan (45%)
- Magenta (14%)
- Yellow (0%)
- Black (17%)



- Cyan (55%)
- Magenta (28%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 25.230, 237.375 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, 25.230, 237.375 by changing the saturation by 10% instead.

■ 71, 25.230,
237.375

■ 71, 25.230,
237.375

■ 100, 25.230,
237.375

■ 61, 25.230,
237.375

■ 91, 25.230,
237.375

■ 51, 25.230,
237.375

■ 41, 25.230,
237.375

■ 31, 25.230,
237.375

■ 21, 25.230,
237.375

■ 11, 25.230,
237.375

■ 1, 25.230, 237.375

0, 25.230, 237.375

71, 25.230,
237.375

71, 25.230,
237.375

68, 29.575,
239.608

74, 20.364,
235.600

66, 33.363,
242.395

77, 15.042,
234.203

63, 36.598,
245.818

80, 9.337, 233.117

83, 3.321, 232.347

61, 39.351,
249.928

86, 2.939, 51.324

59, 41.765,
254.695

90, 9.385, 50.907

58, 42.881,
256.995

92, 13.127, 57.962

■ 94, 13.853, 74.558

■ 95, 15.590, 88.391

Harmonies

Complementary

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



71, 25.230, 237.375



66, 33.763, 49.385

Rectangle

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



71, 25.230, 237.375



71, 25.230, 287.375



71, 25.230, 57.375



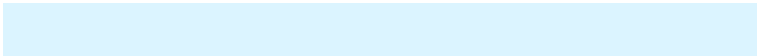
71, 25.230, 107.375

Sweetspot

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



71, 25.229, 237.373



95, 9.936, 233.006



78, 49.567, 150.151



50, 6.826, 233.212



0, 0.000, 0.000



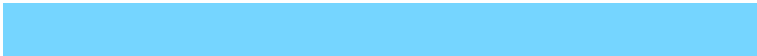
53, 0.007, 296.813

Same Dimension

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



71, 25.229, 237.373



81, 33.670, 239.419



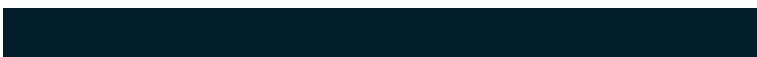
58, 43.778, 287.703



43, 3.533, 232.611



47, 36.289, 256.168



10, 13.226, 245.310

Inverse Universe

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



61, 49.996, 337.850



69, 67.902, 338.727



78, 41.163, 95.018



42, 6.351, 334.978



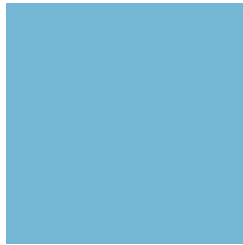
38, 68.366, 344.905



6, 26.429, 341.208

Previews

White Background



This preview shows how the CIE LCh color 71, 25.230, 237.375 looks on a white background.

Color Contrast Check

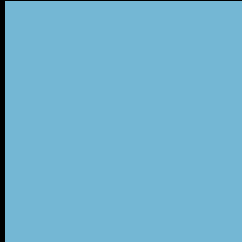
Large Text (above 18pt) WCAG AA × Fail

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, 25.230, 237.375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

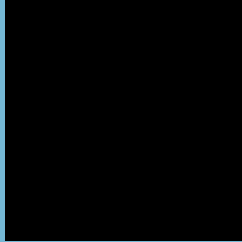
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 25.230, 237.375

Background



This preview shows how black text looks on a background with the CIELCh color 71, 25.230, 237.375.



This preview shows how white text looks on a background with the CIELCh color 71, 25.230, 237.375.

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

71, 25.230, 237.375

Protanopia

71, 17.535, 286.250

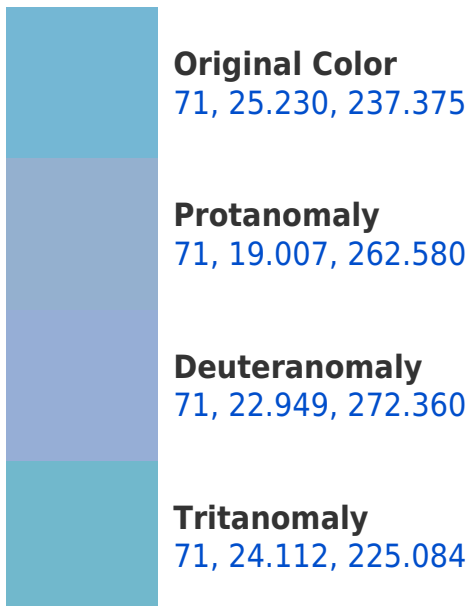
Deuteranopia

71, 25.181, 292.624

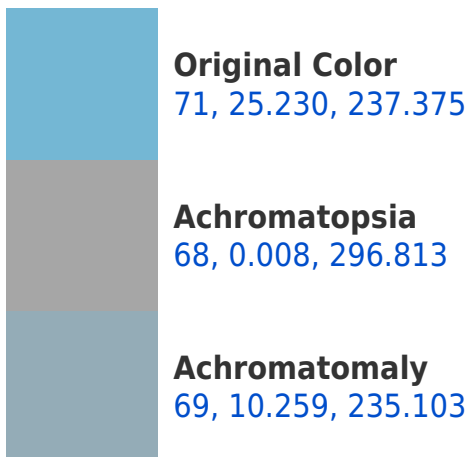


Tritanopia
71, 23.920, 217.983

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 25.230, 237.375 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(116, 183, 212)` looks like.

```
.text, #text, p{  
    color:rgb(116, 183, 212)  
}
```

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(116, 183, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 183, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 25.230, 237.375 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(116, 183, 212) }
```

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

```
.border{ border-color:rgb(116, 183, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 183, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 183, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 183, 212);  
box-shadow:4px 4px 4px 4px rgb(116, 183,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 25.230, 237.375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 183, 212) }
```

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

```
.background{ background-color: rgb(116,  
183, 212) }
```

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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