

Converting Colors

CIELCh(71, 38.554, 246.586)

Have a look what the booklet for
CIELCh(71, 38.554, 246.586)
contains.

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Color

CIELCh(71, 38.360, 246.268)

Conversions

Conversions Part 1

Format	Color
Hex	49B9ED
RGB	73, 185, 237
RGB Percent	29%, 73%, 93%
CMY	0.7141, 0.2748, 0.0709
CMYK	0.69, 0.22, 0.00, 0.07
HSL	199°, 82%, 61%
HSV	199°, 69%, 93%
XYZ	35.3467, 42.1875, 86.3383
YIQ	157.4400, -83.4440, -7.5720

Conversions

Conversions Part 2

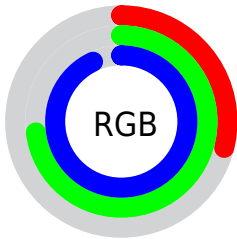
Format	Color
RYB	73, 140, 237
Decimal	4831725
CIELab	71.00, -15.44, -35.12
CIELCh	71, 38.360, 246.268
Yxy	42.1875, 0.2157, 0.2574
Android (android.graphics.Color)	4283021805 (0xFF49B9ED)
YUV	157.4400, 39.2231, -74.0539
Hunter-Lab	64.9519, -16.5266, -33.3458

Details

The CIELCh color **71, 38.360, 246.268** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **64, 61.157, 50.179**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 30.753, 211.413**, and **52, 36.256, 250.380** is the 20% darker color. If you saturate the color by 10%, you get **68, 41.857, 250.124**, and if you desaturate by 10%, it is **74, 34.321, 243.085**.

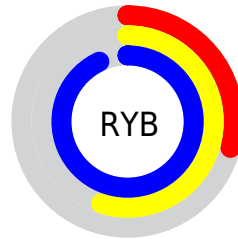
Distribution



Red (29%)

Green (73%)

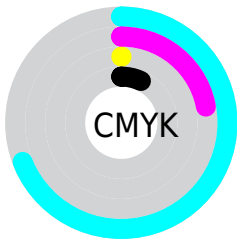
Blue (93%)



Red (29%)

Yellow (55%)

Blue (93%)

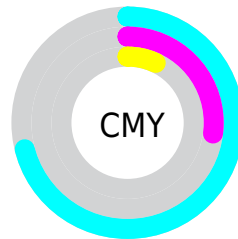


Cyan (69%)

Magenta (22%)

Yellow (0%)

Black (7%)



Cyan (71%)


Magenta (27%)

Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 38.360, 246.268 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, 38.360, 246.268 by changing the saturation by 10% instead.

 71, 38.360,
246.268

 71, 38.360,
246.268


 100, 38.360,
246.268


 61, 38.360,
246.268


 91, 38.360,
246.268

 51, 38.360,
246.268

 41, 38.360,
246.268

 31, 38.360,
246.268

 21, 38.360,
246.268

 11, 38.360,
246.268

 1, 38.360, 246.268

0, 38.360, 246.268

71, 38.360,
246.268

71, 38.360,
246.268

68, 41.857,
250.124

74, 34.321,
243.085

66, 44.932,
254.662

77, 29.703,
240.506

63, 47.810,
259.724

80, 24.522,
238.441

63, 48.040,
260.110

83, 18.834,
236.802

87, 12.712,
235.511

90, 6.234, 234.522

■ 94, 0.526, 52.538

■ 97, 5.442, 68.630

■ 99, 7.953, 103.151

Harmonies

Complementary

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



71, 38.360, 246.268



64, 61.157, 50.179

Rectangle

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



71, 38.360, 246.268



71, 38.360, 296.268



71, 38.360, 66.268



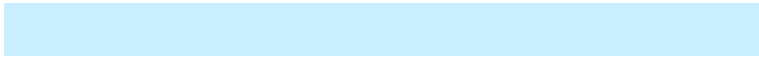
71, 38.360, 116.268

Sweetspot

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



71, 38.359, 246.268



92, 14.673, 235.727



84, 77.900, 147.214



48, 9.863, 236.070



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, 38.359, 246.268



72, 45.630, 251.906



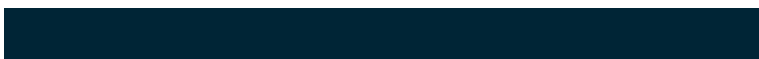
49, 78.051, 294.844



47, 3.806, 234.541



49, 38.908, 259.142



13, 15.528, 250.374

Inverse Universe

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



58, 76.602, 341.196



59, 88.826, 343.265



83, 67.426, 93.125



46, 6.772, 335.609



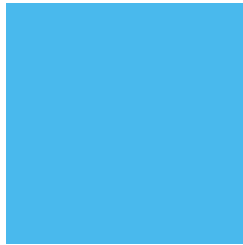
40, 70.646, 346.124



8, 31.169, 342.750

Previews

White Background



This preview shows how the CIELCh color 71, 38.360, 246.268 looks on a white background.

Color Contrast Check

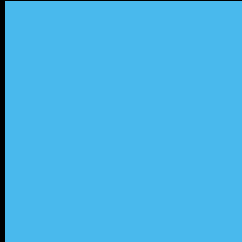
Large Text (above 18pt) WCAG AA × Fail

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, 38.360, 246.268 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

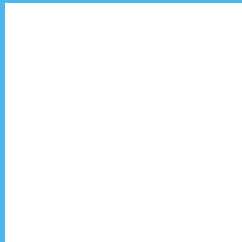
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 38.360, 246.268

Background



This preview shows how black text looks on a background with the CIELCh color 71, 38.360, 246.268.

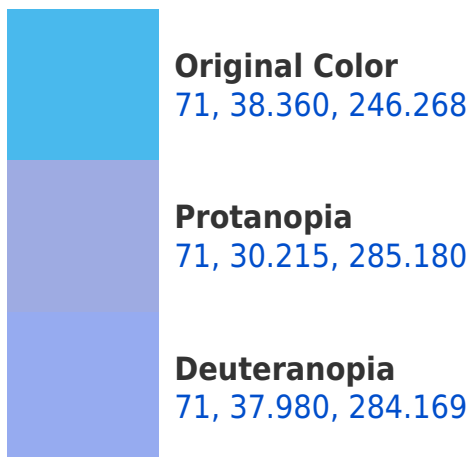


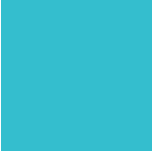
This preview shows how white text looks on a background with the CIELCh color 71, 38.360, 246.268.

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, 35.601, 211.301

Trichromacy



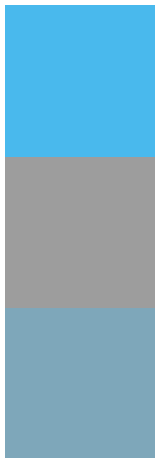
Original Color
71, 38.360, 246.268

Protanomaly
70, 32.228, 266.203

Deuteranomaly
70, 36.932, 268.836

Tritanomaly
71, 35.109, 224.408

Monochromacy



Original Color
71, 38.360, 246.268

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 16.952, 237.135

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 38.360, 246.268 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(73, 185, 237)` looks like.

```
.text, #text, p{  
    color:rgb(73, 185, 237)  
}
```

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(73, 185, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 185, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 38.360, 246.268 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(73, 185, 237) }
```

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

```
.border{ border-color:rgb(73, 185, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 185, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 185, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 185, 237);  
box-shadow:4px 4px 4px 4px rgb(73, 185,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 38.360, 246.268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 185, 237) }
```

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

```
.background{ background-color: rgb(73, 185,  
237) }
```

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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