

Converting Colors

CIELCh(71, 37.663, 248.742)

Have a look what the booklet for
CIELCh(71, 37.663, 248.742)
contains.

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Color

CIELCh(71, 37.662, 248.904)

Conversions

Conversions Part 1

Format	Color
Hex	52B8ED
RGB	82, 184, 237
RGB Percent	32%, 72%, 93%
CMY	0.6784, 0.2784, 0.0706
CMYK	0.65, 0.22, 0.00, 0.07
HSL	201°, 81%, 63%
HSV	201°, 65%, 93%
XYZ	35.9048, 42.1875, 86.3686
YIQ	159.5440, -77.8050, -5.1410

Conversions

Conversions Part 2

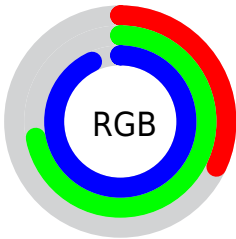
Format	Color
R _Y B	82, 144, 237
Decimal	5421293
CIE Lab	71.00, -13.56, -35.14
CIE LCh	71, 37.662, 248.904
Yxy	42.1875, 0.2183, 0.2565
Android (android.graphics.Color)	4283611373 (0xFF52B8ED)
YUV	159.5440, 38.1858, -68.0061
Hunter-Lab	64.9519, -14.9928, -33.3734

Details

The CIELCh color **71, 37.662, 248.904** 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 **66, 56.623, 52.436**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 29.191, 213.344**, and **51, 36.527, 251.475** is the 20% darker color. If you saturate the color by 10%, you get **68, 41.683, 252.647**, and if you desaturate by 10%, it is **74, 33.147, 245.808**.

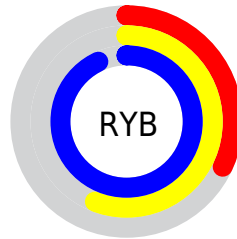
Distribution



Red (32%)

Green (72%)

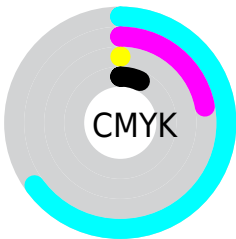
Blue (93%)



Red (32%)

Yellow (56%)

Blue (93%)

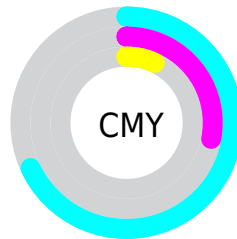


Cyan (65%)

Magenta (22%)

Yellow (0%)

Black (7%)



Cyan (68%)


Magenta (28%)

Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 37.662, 248.904 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, 37.662, 248.904 by changing the saturation by 10% instead.


 71, 37.662,
248.904


 71, 37.662,
248.904


 100, 37.662,
248.904


 61, 37.662,
248.904


 91, 37.662,
248.904

 51, 37.662,
248.904

 41, 37.662,
248.904

 31, 37.662,
248.904

 21, 37.662,
248.904

 11, 37.662,
248.904

 1, 37.662, 248.904

0, 37.662, 248.904

71, 37.662,
248.904

71, 37.662,
248.904

68, 41.683,
252.647

74, 33.147,
245.808

65, 45.310,
257.056

77, 28.117,
243.289

63, 48.711,
262.052

81, 22.594,
241.261

62, 50.295,
264.412

84, 16.636,
239.637

88, 10.308,
238.348

92, 3.683, 237.392

■ 95, 3.176, 56.223

■ 98, 6.391, 89.443

■ 100, 9.113,
109.487

Harmonies

Complementary

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



71, 37.662, 248.904



66, 56.623, 52.436

Rectangle

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



71, 37.662, 248.904



71, 37.662, 298.904



71, 37.662, 68.904



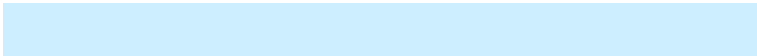
71, 37.662, 118.904

Sweetspot

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



71, 37.661, 248.904



92, 14.070, 238.913



84, 73.387, 148.491



48, 9.539, 239.286



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, 37.661, 248.904



72, 45.211, 253.863



50, 74.888, 294.544



47, 3.815, 237.728



48, 40.661, 263.439



12, 16.004, 254.522

Inverse Universe

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



59, 72.625, 342.064



60, 85.399, 343.980



85, 65.117, 94.713



46, 6.652, 336.675



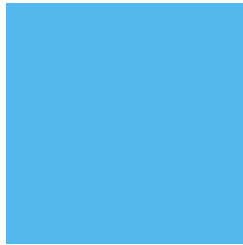
40, 69.616, 348.054



8, 30.733, 344.265

Previews

White Background



This preview shows how the CIELCh color 71, 37.662, 248.904 looks on a white background.

Color Contrast Check

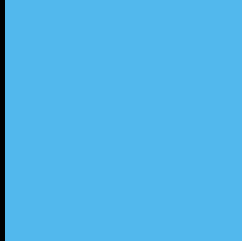
Large Text (above 18pt) WCAG AA × Fail

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, 37.662, 248.904 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

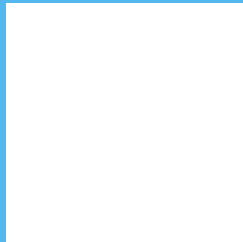
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 37.662, 248.904

Background



This preview shows how black text looks on a background with the CIELCh color 71, 37.662, 248.904.

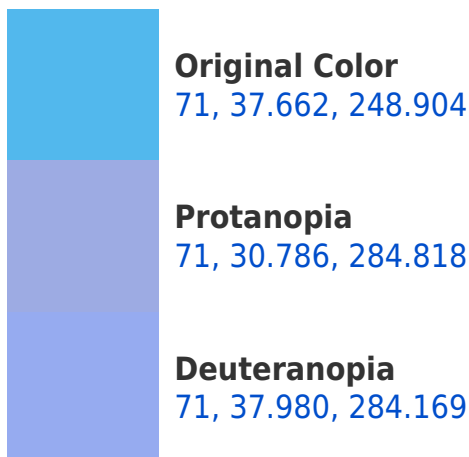


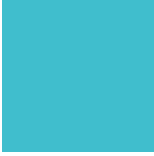
This preview shows how white text looks on a background with the CIELCh color 71, 37.662, 248.904.

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



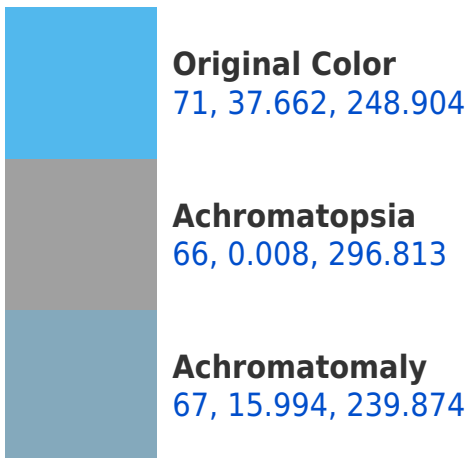


Tritanopia
71, 34.111, 211.066

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 37.662, 248.904 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(82, 184, 237)` looks like.

```
.text, #text, p{  
    color:rgb(82, 184, 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(82, 184, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 184, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 37.662, 248.904 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(82, 184, 237) }
```

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

```
.border{ border-color:rgb(82, 184, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 184, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 184, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 184, 237);  
box-shadow:4px 4px 4px 4px rgb(82, 184,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 37.662, 248.904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 184, 237) }
```

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

```
.background{ background-color: rgb(82, 184,  
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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