

Converting Colors

CIELCh(72, 44.167, 263.903)

Have a look what the booklet for
CIELCh(72, 44.167, 263.903)
contains.

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Color

CIELCh(72, 43.659, 263.462)

Conversions

Conversions Part 1

Format	Color
Hex	60B7FF
RGB	96, 183, 255
RGB Percent	38%, 72%, 100%
CMY	0.6227, 0.2817, 0.0000
CMYK	0.62, 0.28, 0.00, 0.00
HSL	207°, 100%, 69%
HSV	207°, 62%, 100%
XYZ	39.8864, 43.6590, 101.0733
YIQ	165.1950, -74.9640, 3.9480

Conversions

Conversions Part 2

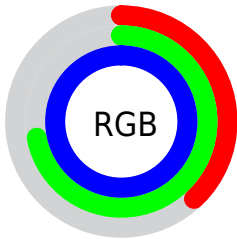
Format	Color
R _Y B	96, 152, 255
Decimal	6338559
CIE Lab	72.00, -4.97, -43.38
CIE LCh	72, 43.659, 263.462
Yxy	43.6590, 0.2160, 0.2365
Android (android.graphics.Color)	4284528639 (0xFF60B7FF)
YUV	165.1950, 44.2739, -60.6840
Hunter-Lab	66.0750, -7.8791, -44.4420

Details

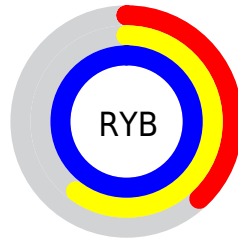
The CIELCh color **72, 43.659, 263.462** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **76, 55.699, 62.906**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 25.663, 217.012**, and **52, 43.754, 264.037** is the 20% darker color. If you saturate the color by 10%, you get **68, 49.760, 267.187**, and if you desaturate by 10%, it is **76, 37.202, 260.131**.

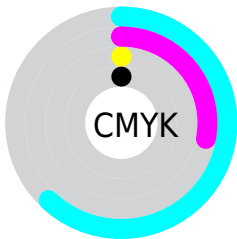
Distribution



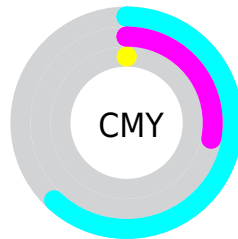
- Red (38%)
- Green (72%)
- Blue (100%)



- Red (38%)
- Yellow (60%)
- Blue (100%)



- Cyan (62%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)





- Cyan (62%)
- Magenta (28%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 43.659, 263.462 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, 43.659, 263.462 by changing the saturation by 10% instead.


 72, 43.659,
263.462


 72, 43.659,
263.462


 100, 43.659,
263.462


 62, 43.659,
263.462


 92, 43.659,
263.462

 52, 43.659,
263.462

 42, 43.659,
263.462

 32, 43.659,
263.462

 22, 43.659,
263.462

 12, 43.659,
263.462

 2, 43.659, 263.462

0, 43.659, 263.462

72, 43.659,
263.462

72, 43.659,
263.462

68, 49.760,
267.187

76, 37.202,
260.131

64, 55.825,
271.522

81, 30.562,
257.404

61, 61.928,
276.268

85, 23.664,
255.136

58, 66.784,
280.008

90, 16.532,
253.259

94, 9.204, 251.716

99, 1.726, 250.639

100, 0.012,

Harmonies

Complementary

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



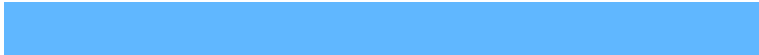
72, 43.659, 263.462



76, 55.699, 62.906

Rectangle

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



72, 43.659, 263.462



72, 43.659, 313.462



72, 43.659, 83.462



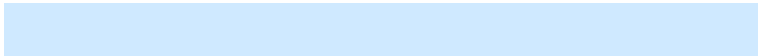
72, 43.659, 133.462

Sweetspot

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



72, 43.585, 263.381



91, 14.151, 252.719



90, 67.645, 153.949



47, 9.709, 253.189



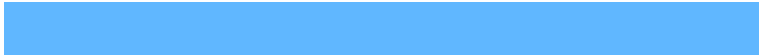
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 43.585, 263.381



67, 51.418, 268.319



51, 86.690, 298.576



51, 4.275, 251.346



44, 52.931, 279.111



13, 21.787, 272.204

Inverse Universe

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



64, 69.789, 348.148



60, 79.025, 350.689



95, 72.570, 101.903



50, 6.592, 341.897



41, 68.996, 357.655



11, 32.397, 352.808

Previews

White Background



This preview shows how the CIELCh color 72, 43.659, 263.462 looks on a white background.

Color Contrast Check

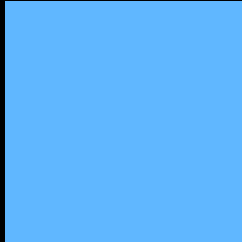
Large Text (above 18pt) WCAG AA × Fail

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, 43.659, 263.462 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

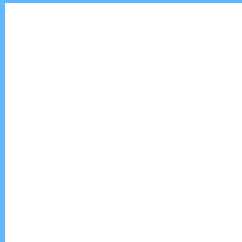
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 43.659, 263.462

Background



This preview shows how black text looks on a background with the CIELCh color 72, 43.659, 263.462.



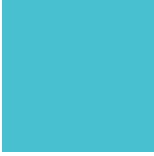
This preview shows how white text looks on a background with the CIELCh color 72, 43.659, 263.462.

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
72, 33.183, 212.514

Trichromacy



Original Color
72, 43.659, 263.462

Protanomaly
72, 41.109, 275.857

Deuteranomaly
72, 44.053, 275.298

Tritanomaly
72, 33.779, 233.521

Monochromacy



Original Color
72, 43.659, 263.462

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 17.506, 253.955

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 43.659, 263.462 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(96, 183, 255)` looks like.

```
.text, #text, p{  
    color:rgb(96, 183, 255)  
}
```

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(96, 183, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 183, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 43.659, 263.462 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(96, 183, 255) }
```

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

```
.border{ border-color:rgb(96, 183, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 183, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 183, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 183, 255);  
box-shadow:4px 4px 4px 4px rgb(96, 183,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 43.659, 263.462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 183, 255) }
```

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

```
.background{ background-color: rgb(96, 183,  
255) }
```

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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