

Converting Colors

CIELCh(72, 39.570, 253.273)

Have a look what the booklet for
CIELCh(72, 39.570, 253.273)
contains.

CIELCh(72, 39.573, 253.184)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(72, 39.573, 253.184)

Conversions

Conversions Part 1

Format	Color
Hex	56BAF5
RGB	86, 186, 245
RGB Percent	34%, 73%, 96%
CMY	0.6630, 0.2708, 0.0394
CMYK	0.65, 0.24, 0.00, 0.04
HSL	202°, 89%, 65%
HSV	202°, 65%, 96%
XYZ	37.8515, 43.6590, 92.7725
YIQ	162.8260, -78.5390, -2.8510

Conversions

Conversions Part 2

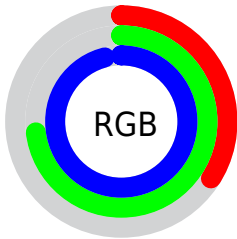
Format	Color
R_{YB}	86, 147, 245
Decimal	5683957
CIE Lab	72.00, -11.45, -37.88
CIE LCh	72, 39.573, 253.184
Yxy	43.6590, 0.2172, 0.2505
Android (android.graphics.Color)	4283874037 (0xFF56BAF5)
YUV	162.8260, 40.5118, -67.3764
Hunter-Lab	66.0750, -13.3763, -36.9935

Details

The CIELCh color **72, 39.573, 253.184** 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 **70, 57.180, 55.057**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 28.392, 211.606**, and **52, 38.514, 254.781** is the 20% darker color. If you saturate the color by 10%, you get **69, 44.146, 257.031**, and if you desaturate by 10%, it is **75, 34.577, 249.969**.

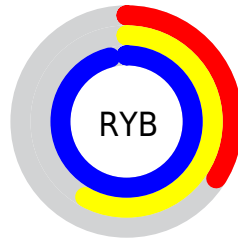
Distribution



Red (34%)

Green (73%)

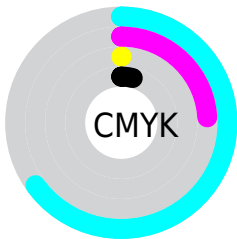
Blue (96%)



Red (34%)

Yellow (58%)

Blue (96%)

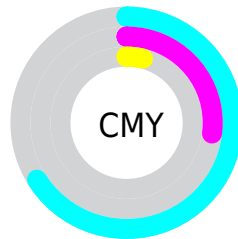


Cyan (65%)

Magenta (24%)

Yellow (0%)

Black (4%)



Cyan (66%)


Magenta (27%)

Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 39.573, 253.184 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, 39.573, 253.184 by changing the saturation by 10% instead.


 72, 39.573,
253.184

 72, 39.573,
253.184


 100, 39.573,
253.184


 62, 39.573,
253.184


 92, 39.573,
253.184

 52, 39.573,
253.184

 42, 39.573,
253.184

 32, 39.573,
253.184

 22, 39.573,
253.184

 12, 39.573,
253.184

 2, 39.573, 253.184

■ 0, 39.573, 253.184

■ 72, 39.573,
253.184

■ 72, 39.573,
253.184

■ 69, 44.146,
257.031

■ 75, 34.577,
249.969

■ 66, 48.404,
261.511

■ 79, 29.128,
247.328

■ 63, 52.517,
266.524

■ 83, 23.239,
245.179

■ 61, 54.650,
269.131

■ 87, 16.958,
243.442

■ 91, 10.346,
242.047

■ 95, 3.467, 241.000

98, 3.017, 70.304

100, 5.088,
109.783

Harmonies

Complementary

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



72, 39.573, 253.184



70, 57.180, 55.057

Rectangle

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



72, 39.573, 253.184



72, 39.573, 303.184



72, 39.573, 73.184



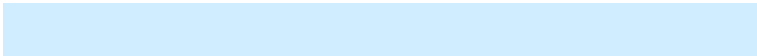
72, 39.573, 123.184

Sweetspot

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



72, 39.572, 253.184



92, 13.516, 242.585



87, 72.855, 149.876



48, 9.251, 242.989



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, 39.572, 253.184



70, 46.969, 258.421



51, 79.594, 295.936



49, 3.977, 241.422



47, 43.925, 268.177



13, 17.830, 260.135

Inverse Universe

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



61, 72.893, 343.650



59, 83.991, 345.823



89, 68.127, 96.889



48, 6.748, 337.972



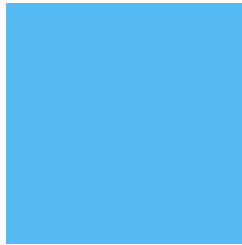
41, 69.938, 350.465



9, 31.956, 346.551

Previews

White Background



This preview shows how the CIELCh color 72, 39.573, 253.184 looks on a white background.

Color Contrast Check

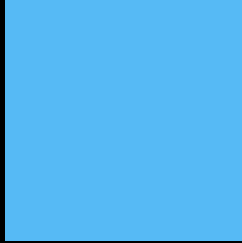
Large Text (above 18pt) WCAG AA × Fail

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, 39.573, 253.184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

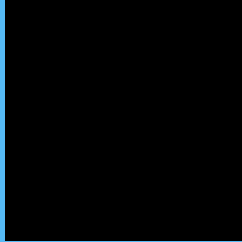
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

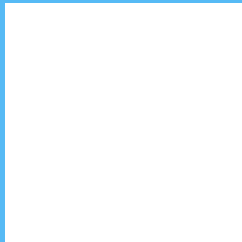
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 39.573, 253.184

Background



This preview shows how black text looks on a background with the CIELCh color 72, 39.573, 253.184.

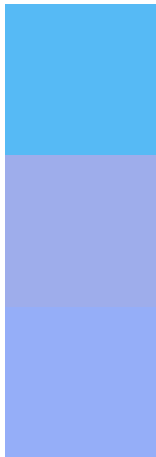


This preview shows how white text looks on a background with the CIELCh color 72, 39.573, 253.184.

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
72, 39.573, 253.184

Protanopia
72, 33.964, 285.475

Deuteranopia
72, 40.665, 283.511



Tritanopia
72, 34.394, 210.911

Trichromacy



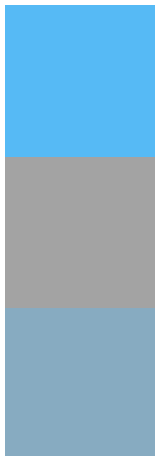
Original Color
72, 39.573, 253.184

Protanomaly
72, 35.224, 270.833

Deuteranomaly
72, 39.593, 272.001

Tritanomaly
72, 34.112, 227.442

Monochromacy



Original Color
72, 39.573, 253.184

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 16.757, 245.314

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 39.573, 253.184 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(86, 186, 245)` looks like.

```
.text, #text, p{  
    color:rgb(86, 186, 245)  
}
```

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(86, 186, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 186, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 39.573, 253.184 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(86, 186, 245) }
```

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

```
.border{ border-color:rgb(86, 186, 245) }
```

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

Here you see how a box with a 4 pixel rgb(86, 186, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 186, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 186, 245);  
box-shadow:4px 4px 4px 4px rgb(86, 186,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 39.573, 253.184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 186, 245) }
```

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

```
.background{ background-color: rgb(86, 186,  
245) }
```

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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