

Converting Colors

CIELCh(73, 41.782, 259.703)

Have a look what the booklet for
CIELCh(73, 41.782, 259.703)
contains.

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Color

CIELCh(73, 41.839, 259.707)

Conversions

Conversions Part 1

Format	Color
Hex	60BBFE
RGB	96, 187, 254
RGB Percent	38%, 73%, 100%
CMY	0.6237, 0.2668, 0.0041
CMYK	0.62, 0.26, 0.00, 0.00
HSL	205°, 99%, 69%
HSV	205°, 62%, 100%
XYZ	40.4663, 45.1644, 100.3210
YIQ	167.4290, -75.7430, 1.5450

Conversions

Conversions Part 2

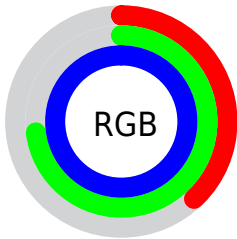
Format	Color
R _{YB}	96, 154, 254
Decimal	6339582
CIE Lab	73.00, -7.48, -41.17
CIE LCh	73, 41.839, 259.707
Yxy	45.1644, 0.2176, 0.2429
Android (android.graphics.Color)	4284529662 (0xFF60BBFE)
YUV	167.4290, 42.6795, -62.6432
Hunter-Lab	67.2044, -10.1263, -41.4634

Details

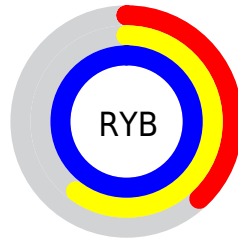
The CIELCh color **73, 41.839, 259.707** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **75, 55.528, 60.209**, and the grayscale version is **69, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 26.627, 211.462**, and **53, 41.763, 259.967** is the 20% darker color. If you saturate the color by 10%, you get **69, 47.500, 263.503**, and if you desaturate by 10%, it is **77, 35.885, 256.494**.

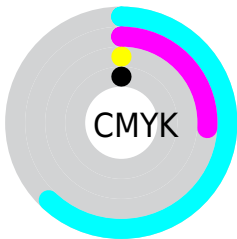
Distribution



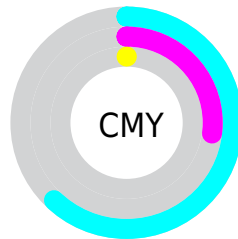
- Red (38%)
- Green (73%)
- Blue (100%)



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



- Cyan (62%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)



- Cyan (62%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 41.839, 259.707 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 73, 41.839, 259.707 by changing the saturation by 10% instead.

■ 73, 41.839,
259.707

■ 73, 41.839,
259.707

■ 100, 41.839,
259.707

■ 63, 41.839,
259.707

■ 93, 41.839,
259.707

■ 53, 41.839,
259.707

■ 43, 41.839,
259.707

■ 33, 41.839,
259.707

■ 23, 41.839,
259.707

■ 13, 41.839,
259.707

■ 3, 41.839, 259.707

0, 41.839, 259.707

73, 41.839,
259.707

73, 41.839,
259.707

69, 47.500,
263.503

77, 35.885,
256.494

66, 52.969,
267.871

81, 29.602,
253.818

62, 58.399,
272.704

85, 22.997,
251.610

60, 62.737,
276.582

90, 16.104,
249.797

94, 8.971, 248.319

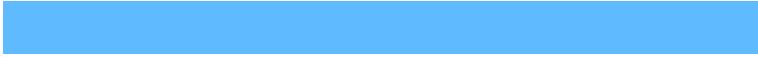
99, 1.649, 247.327

100, 0.513,

Harmonies

Complementary

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



73, 41.839, 259.707



75, 55.528, 60.209

Rectangle

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



73, 41.839, 259.707



73, 41.839, 309.707



73, 41.839, 79.707



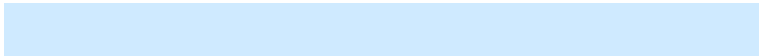
73, 41.839, 129.707

Sweetspot

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



73, 41.838, 259.707



91, 13.882, 249.288



90, 69.360, 152.436



48, 9.516, 249.740



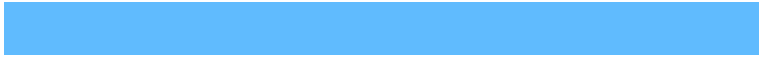
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 41.838, 259.707



68, 49.198, 264.672



53, 83.065, 297.313



51, 4.204, 247.975



46, 49.936, 275.667



14, 20.728, 268.588

Inverse Universe

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



64, 70.558, 346.383



60, 80.103, 348.735



94, 70.375, 100.102



50, 6.723, 340.478



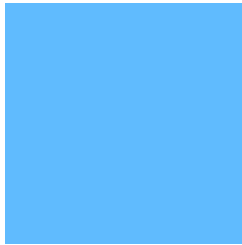
42, 69.668, 355.088



11, 32.784, 350.691

Previews

White Background



This preview shows how the CIELCh color 73, 41.839, 259.707 looks on a white background.

Color Contrast Check

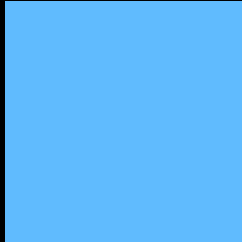
Large Text (above 18pt) WCAG AA × Fail

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 73, 41.839, 259.707 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

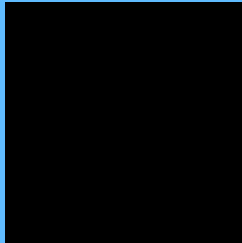
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

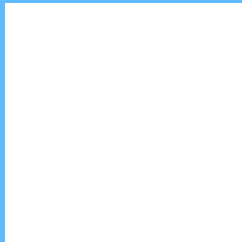
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 41.839, 259.707

Background



This preview shows how black text looks on a background with the CIELCh color 73, 41.839, 259.707.



This preview shows how white text looks on a background with the CIELCh color 73, 41.839, 259.707.

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
73, 33.452, 212.346

Trichromacy



Original Color
73, 41.839, 259.707

Protanomaly
73, 38.517, 273.968

Deuteranomaly
73, 41.941, 273.724

Tritanomaly
73, 33.784, 232.239

Monochromacy



Original Color
73, 41.839, 259.707

Achromatopsia
68, 0.008, 296.813

Achromatomaly
70, 17.256, 251.812

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 41.839, 259.707 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, 187, 254)` looks like.

```
.text, #text, p{  
    color:rgb(96, 187, 254)  
}
```

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, 187, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 187, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 41.839, 259.707 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, 187, 254) }
```

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

```
.border{ border-color:rgb(96, 187, 254) }
```

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

Here you see how a box with a 4 pixel rgb(96, 187, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 187, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 187, 254);  
box-shadow:4px 4px 4px 4px rgb(96, 187,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 41.839, 259.707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 187, 254) }
```

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

```
.background{ background-color: rgb(96, 187,  
254) }
```

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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