

Converting Colors

CIELCh(75, 39.621, 260.168)

Have a look what the booklet for
CIELCh(75, 39.621, 260.168)
contains.

CIELCh(75, 39.195, 259.547)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(75, 39.195, 259.547)

Conversions

Conversions Part 1

Format	Color
Hex	6FC0FF
RGB	111, 192, 255
RGB Percent	44%, 75%, 100%
CMY	0.5648, 0.2472, 0.0001
CMYK	0.56, 0.25, 0.00, 0.00
HSL	206°, 100%, 72%
HSV	206°, 56%, 100%
XYZ	43.4362, 48.2781, 101.6056
YIQ	174.9630, -68.4990, 2.4210

Conversions

Conversions Part 2

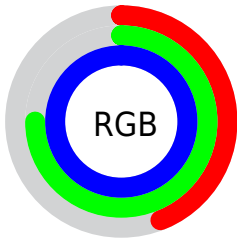
Format	Color
R _Y B	111, 163, 255
Decimal	7323903
CIE Lab	75.00, -7.11, -38.54
CIE LCh	75, 39.195, 259.547
Yxy	48.2781, 0.2247, 0.2497
Android (android.graphics.Color)	4285513983 (0xFF6FC0FF)
YUV	174.9630, 39.4582, -56.0956
Hunter-Lab	69.4824, -10.0071, -38.0633

Details

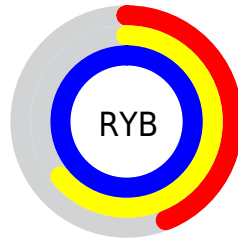
The CIELCh color **75, 39.195, 259.547** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **78, 49.803, 62.109**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 24.388, 206.523**, and **55, 39.073, 259.335** is the 20% darker color. If you saturate the color by 10%, you get **71, 45.242, 263.021**, and if you desaturate by 10%, it is **79, 32.863, 256.625**.

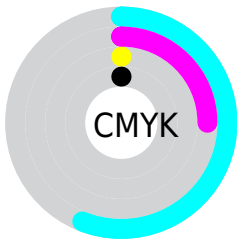
Distribution



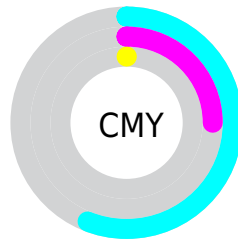
- Red (44%)
- Green (75%)
- Blue (100%)



- Red (44%)
- Yellow (64%)
- Blue (100%)



- Cyan (56%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)





- Cyan (56%)
- Magenta (25%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 39.195, 259.547 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 75, 39.195, 259.547 by changing the saturation by 10% instead.


 75, 39.195,
259.547


 75, 39.195,
259.547


 100, 39.195,
259.547


 65, 39.195,
259.547


 95, 39.195,
259.547

 55, 39.195,
259.547

 45, 39.195,
259.547

 35, 39.195,
259.547

 25, 39.195,
259.547

 15, 39.195,
259.547

 5, 39.195, 259.547

0, 39.195, 259.547

75, 39.195,
259.547

75, 39.195,
259.547

71, 45.242,
263.021

79, 32.863,
256.625

67, 51.072,
267.067

84, 26.233,
254.197

64, 56.809,
271.631

88, 19.326,
252.193

60, 62.617,
276.549

92, 12.180,
250.545

59, 64.729,
278.254

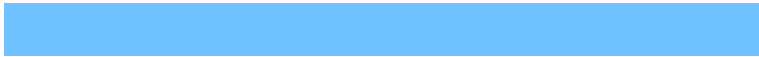
97, 4.842, 249.228

100, 0.007, 98.880

Harmonies

Complementary

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



75, 39.195, 259.547



78, 49.803, 62.109

Rectangle

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



75, 39.195, 259.547



75, 39.195, 309.547



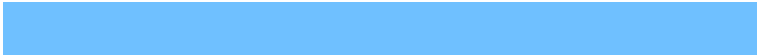
75, 39.195, 79.547



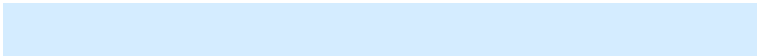
75, 39.195, 129.547

Sweetspot

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



75, 39.194, 259.547



92, 12.559, 250.623



91, 63.114, 154.099



48, 8.380, 250.932



0, 0.000, 0.000



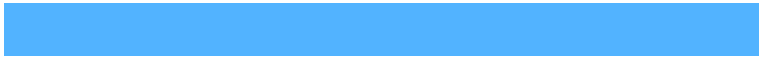
53, 0.007, 296.813

Same Dimension

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



75, 39.194, 259.547



70, 46.146, 263.601



56, 76.321, 296.575



51, 4.236, 249.586



45, 51.334, 277.341



13, 21.220, 270.339

Inverse Universe

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



67, 64.993, 346.300



62, 74.956, 348.233



95, 65.830, 101.555



50, 6.660, 341.144



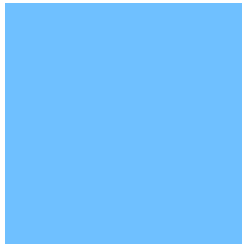
42, 69.329, 356.296



11, 32.594, 351.685

Previews

White Background



This preview shows how the CIELCh color 75, 39.195, 259.547 looks on a white background.

Color Contrast Check

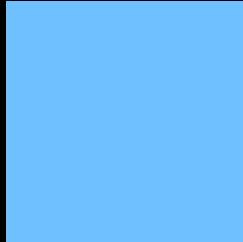
Large Text (above 18pt) WCAG AA × Fail

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 75, 39.195, 259.547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

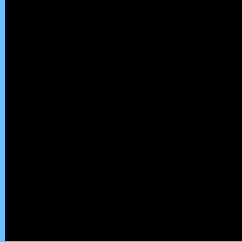
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

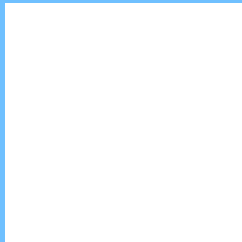
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 39.195, 259.547

Background



This preview shows how black text looks on a background with the CIELCh color 75, 39.195, 259.547.



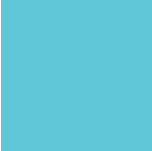
This preview shows how white text looks on a background with the CIELCh color 75, 39.195, 259.547.

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
75, 30.783, 213.831

Trichromacy



Original Color
75, 39.195, 259.547

Protanomaly
75, 36.507, 274.575

Deuteranomaly
75, 38.750, 274.437

Tritanomaly
75, 31.516, 233.835

Monochromacy



Original Color
75, 39.195, 259.547

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 15.609, 252.546

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 39.195, 259.547 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(111, 192, 255)` looks like.

```
.text, #text, p{  
    color:rgb(111, 192, 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(111, 192, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 192, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 39.195, 259.547 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(111, 192, 255) }
```

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

```
.border{ border-color:rgb(111, 192, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 192, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 192, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 192, 255);  
box-shadow:4px 4px 4px 4px rgb(111, 192,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 39.195, 259.547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 192, 255) }
```

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

```
.background{ background-color: rgb(111,  
192, 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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