

Converting Colors

CIELCh(75, 41.457, 254.998)

Have a look what the booklet for
CIELCh(75, 41.457, 254.998)
contains.

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Color

CIELCh(75, 40.510, 253.355)

Conversions

Conversions Part 1

Format	Color
Hex	5CC2FF
RGB	92, 194, 255
RGB Percent	36%, 76%, 100%
CMY	0.6375, 0.2379, 0.0000
CMYK	0.64, 0.24, 0.00, 0.00
HSL	202°, 100%, 68%
HSV	202°, 64%, 100%
XYZ	41.9337, 48.2781, 102.0242
YIQ	170.4560, -80.3730, -2.6530

Conversions

Conversions Part 2

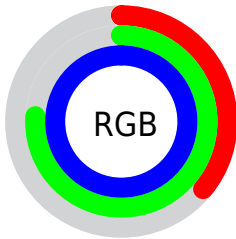
Format	Color
R _{YB}	92, 155, 255
Decimal	6079231
CIE Lab	75.00, -11.60, -38.81
CIE LCh	75, 40.510, 253.355
Yxy	48.2781, 0.2181, 0.2511
Android (android.graphics.Color)	4284269311 (0xFF5CC2FF)
YUV	170.4560, 41.6802, -68.8059
Hunter-Lab	69.4824, -13.8667, -38.4204

Details

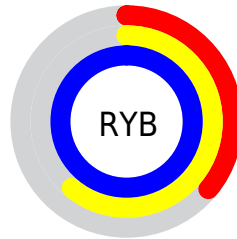
The CIELCh color **75, 40.510, 253.355** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted cyan. A complement of this color would be **73, 57.817, 55.315**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 28.863, 202.824**, and **55, 39.811, 254.082** is the 20% darker color. If you saturate the color by 10%, you get **72, 45.175, 256.925**, and if you desaturate by 10%, it is **79, 35.142, 249.962**.

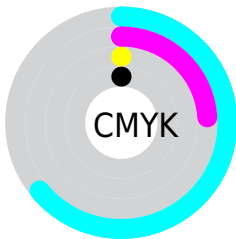
Distribution



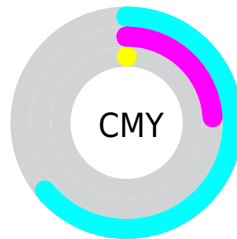
- Red (36%)
- Green (76%)
- Blue (100%)



- Red (36%)
- Yellow (61%)
- Blue (100%)



- Cyan (64%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)





- Cyan (64%)
- Magenta (24%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 40.510, 253.355 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, 40.510, 253.355 by changing the saturation by 10% instead.


 75, 40.510,
253.355


 75, 40.510,
253.355


 100, 40.510,
253.355


 65, 40.510,
253.355


 95, 40.510,
253.355

 55, 40.510,
253.355

 45, 40.510,
253.355

 35, 40.510,
253.355

 25, 40.510,
253.355

 15, 40.510,
253.355

 5, 40.510, 253.355

0, 40.510, 253.355

75, 40.510,
253.355

75, 40.510,
253.355

72, 45.175,
256.925

79, 35.142,
249.962

68, 49.638,
261.358

82, 29.442,
247.363

65, 53.938,
266.338

86, 23.297,
245.250

64, 56.666,
269.562

90, 16.755,
243.542

94, 9.881, 242.171

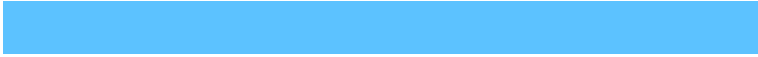
98, 2.741, 241.184

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.



75, 40.510, 253.355



73, 57.817, 55.315

Rectangle

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



75, 40.510, 253.355



75, 40.510, 303.355



75, 40.510, 73.355



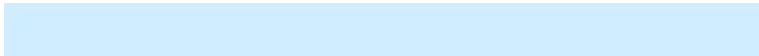
75, 40.510, 123.355

Sweetspot

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



75, 40.376, 253.129



92, 13.527, 242.851



90, 74.117, 150.046



48, 9.259, 243.258



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, 40.376, 253.129



71, 46.655, 258.298



54, 80.613, 295.662



51, 4.114, 241.686



48, 45.061, 268.595



15, 19.052, 261.333

Inverse Universe

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



64, 74.195, 343.620



60, 83.389, 345.770



92, 69.303, 97.000



50, 6.968, 338.069



42, 71.260, 350.694



11, 33.600, 347.081

Previews

White Background



This preview shows how the CIE LCh color 75, 40.510, 253.355 looks on a white background.

Color Contrast Check

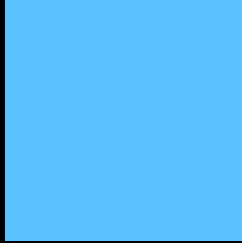
Large Text (above 18pt) WCAG AA × Fail

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, 40.510, 253.355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

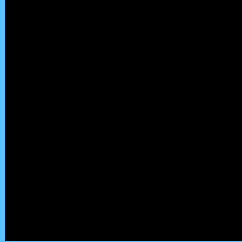
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

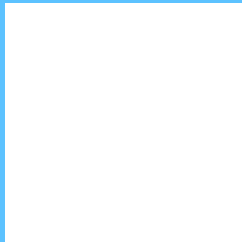
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 40.510, 253.355

Background



This preview shows how black text looks on a background with the CIELCh color 75, 40.510, 253.355.

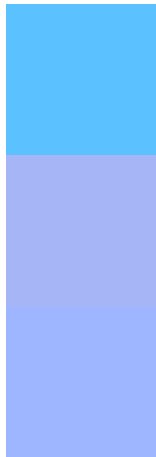


This preview shows how white text looks on a background with the CIELCh color 75, 40.510, 253.355.

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


75, 40.510, 253.355

Protanopia

75, 34.755, 285.667

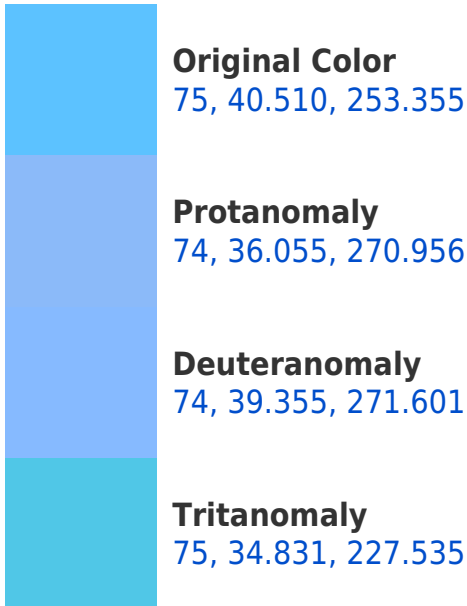
Deuteranopia

75, 39.791, 283.441

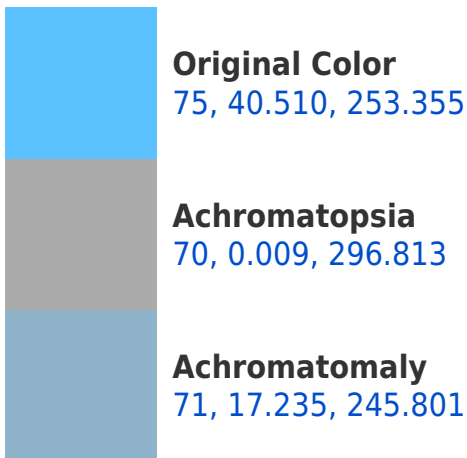


Tritanopia
75, 34.898, 211.567

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 40.510, 253.355 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(92, 194, 255)` looks like.

```
.text, #text, p{  
    color:rgb(92, 194, 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(92, 194, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 194, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 40.510, 253.355 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(92, 194, 255) }
```

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

```
.border{ border-color:rgb(92, 194, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 194, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 194, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 194, 255);  
box-shadow:4px 4px 4px 4px rgb(92, 194,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 40.510, 253.355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 194, 255) }
```

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

```
.background{ background-color: rgb(92, 194,  
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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