

Converting Colors

CIELCh(75, 38.763, 263.595)

Have a look what the booklet for
CIELCh(75, 38.763, 263.595)
contains.

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Color

CIELCh(75, 38.898, 264.124)

Conversions

Conversions Part 1

Format	Color
Hex	79BEFF
RGB	121, 190, 255
RGB Percent	47%, 75%, 100%
CMY	0.5242, 0.2538, 0.0000
CMYK	0.52, 0.25, 0.00, 0.00
HSL	209°, 100%, 74%
HSV	209°, 52%, 100%
XYZ	44.5034, 48.2781, 101.8383
YIQ	176.7790, -61.9890, 5.5870

Conversions

Conversions Part 2

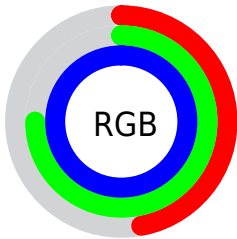
Format	Color
R_{YB}	121, 167, 255
Decimal	7978751
CIE _{Lab}	75.00, -3.98, -38.69
CIE _{LCh}	75, 38.898, 264.124
Yxy	48.2781, 0.2287, 0.2481
Android (android.graphics.Color)	4286168831 (0xFF79BEFF)
YUV	176.7790, 38.5630, -48.9182
Hunter-Lab	69.4824, -7.2652, -38.2618

Details

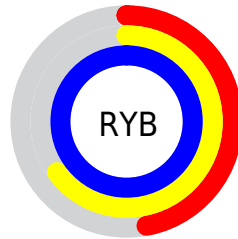
The CIELCh color **75, 38.898, 264.124** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **81, 45.996, 67.195**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 21.428, 210.754**, and **55, 38.850, 264.020** is the 20% darker color. If you saturate the color by 10%, you get **71, 45.633, 267.231**, and if you desaturate by 10%, it is **80, 31.717, 261.210**.

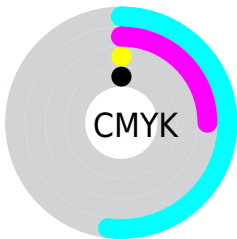
Distribution



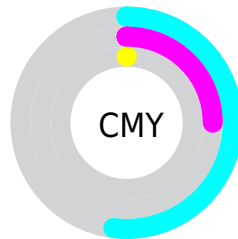
- Red (47%)
- Green (75%)
- Blue (100%)



- Red (47%)
- Yellow (65%)
- Blue (100%)



- Cyan (52%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)





- Cyan (52%)
- Magenta (25%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 38.898, 264.124 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, 38.898, 264.124 by changing the saturation by 10% instead.


 75, 38.898,
264.124


 75, 38.898,
264.124


 100, 38.898,
264.124


 65, 38.898,
264.124


 95, 38.898,
264.124

 55, 38.898,
264.124

 45, 38.898,
264.124

 35, 38.898,
264.124

 25, 38.898,
264.124

 15, 38.898,
264.124

 5, 38.898, 264.124

0, 38.898, 264.124

75, 38.898,
264.124

75, 38.898,
264.124

71, 45.633,
267.231

80, 31.717,
261.210

66, 52.385,
271.016

84, 24.484,
258.898

62, 59.116,
275.286

89, 17.079,
256.971

58, 65.959,
279.907

94, 9.532, 255.374

56, 71.307,
283.439

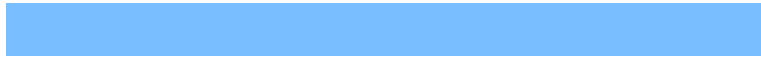
99, 1.877, 254.210

100, 0.012,
296.813

Harmonies

Complementary

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



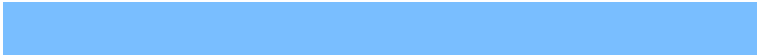
75, 38.898, 264.124



81, 45.996, 67.195

Rectangle

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



75, 38.898, 264.124



75, 38.898, 314.124



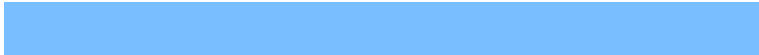
75, 38.898, 84.124



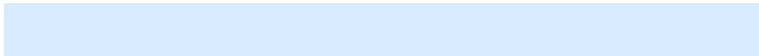
75, 38.898, 134.124

Sweetspot

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



75, 38.762, 263.970



92, 12.245, 255.909



91, 56.605, 157.105



48, 8.255, 256.235



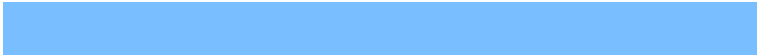
0, 0.000, 0.000



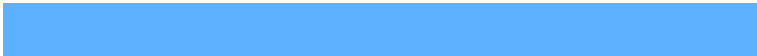
53, 0.007, 296.813

Same Dimension

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



75, 38.762, 263.970



70, 46.024, 267.435



58, 74.380, 297.517



51, 4.370, 254.967



42, 56.465, 282.579



12, 23.060, 275.900

Inverse Universe

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



69, 59.427, 348.494



64, 69.326, 350.318



97, 64.252, 104.420



50, 6.451, 343.549



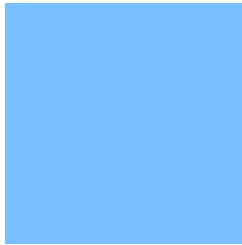
41, 68.443, 0.602



10, 32.028, 355.252

Previews

White Background



This preview shows how the CIE LCh color 75, 38.898, 264.124 looks on a white background.

Color Contrast Check

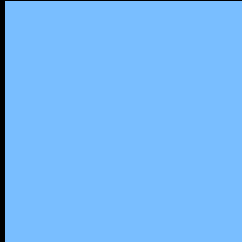
Large Text (above 18pt) WCAG AA × Fail

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, 38.898, 264.124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

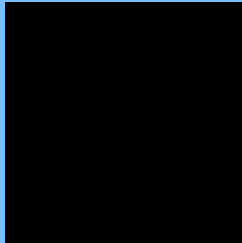
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

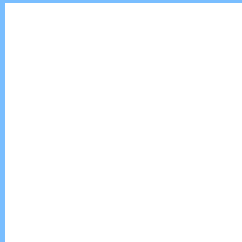
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 38.898, 264.124

Background



This preview shows how black text looks on a background with the CIELCh color 75, 38.898, 264.124.



This preview shows how white text looks on a background with the CIELCh color 75, 38.898, 264.124.

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, 38.898, 264.124

Protanopia

75, 36.376, 285.738

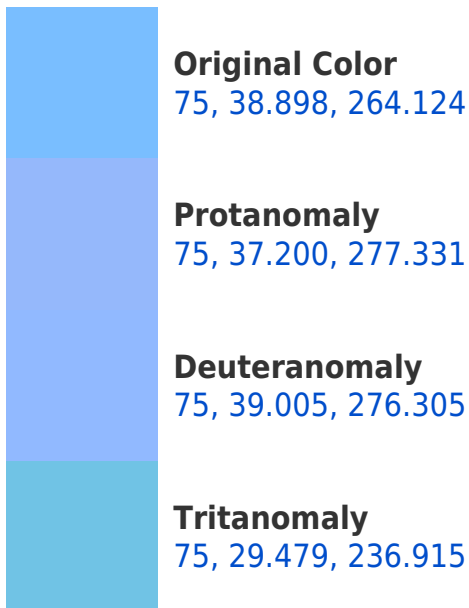
Deuteranopia

75, 39.751, 283.844

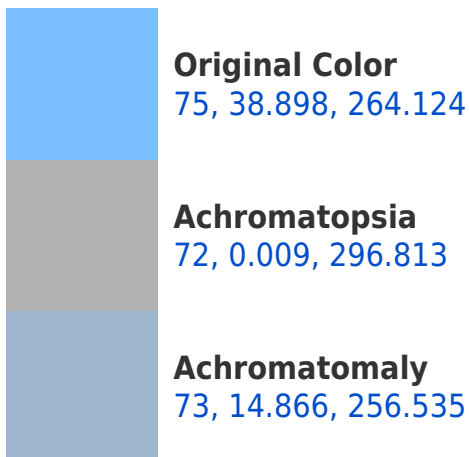


Tritanopia
75, 28.134, 215.609

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 38.898, 264.124 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(121, 190, 255)` looks like.

```
.text, #text, p{  
    color:rgb(121, 190, 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(121, 190, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 190, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 38.898, 264.124 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(121, 190, 255) }
```

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

```
.border{ border-color:rgb(121, 190, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 190, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 190, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 190, 255);  
box-shadow:4px 4px 4px 4px rgb(121, 190,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 38.898, 264.124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 190, 255) }
```

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

```
.background{ background-color: rgb(121,  
190, 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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