

Converting Colors

CIELCh(76, 45.959, 271.519)

Have a look what the booklet for
CIELCh(76, 45.959, 271.519)
contains.

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Color

CIELCh(75, 38.243, 264.173)

Conversions

Conversions Part 1

Format	Color
Hex	7BBEFE
RGB	123, 190, 254
RGB Percent	48%, 75%, 100%
CMY	0.5172, 0.2543, 0.0035
CMYK	0.52, 0.25, 0.00, 0.00
HSL	209°, 99%, 74%
HSV	209°, 52%, 100%
XYZ	44.5377, 48.2781, 100.8291
YIQ	177.2630, -60.4760, 5.7000

Conversions

Conversions Part 2

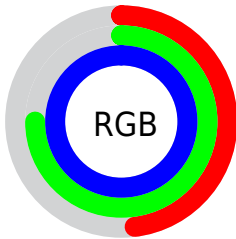
Format	Color
R _Y B	123, 167, 254
Decimal	8109822
CIE Lab	75.00, -3.88, -38.05
CIE LCh	75, 38.243, 264.173
Yxy	48.2781, 0.2300, 0.2493
Android (android.graphics.Color)	4286299902 (0xFF7BBEFE)
YUV	177.2630, 37.8313, -47.5887
Hunter-Lab	69.4824, -7.1772, -37.4007

Details

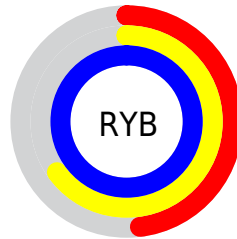
The CIELCh color **75, 38.243, 264.173** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **81, 45.054, 67.706**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 20.868, 211.130**, and **55, 38.194, 264.072** is the 20% darker color. If you saturate the color by 10%, you get **71, 45.171, 267.387**, and if you desaturate by 10%, it is **80, 31.147, 261.454**.

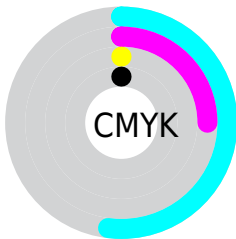
Distribution



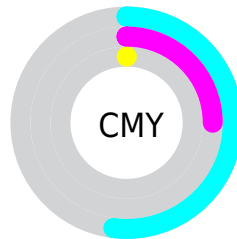
- Red (48%)
- Green (75%)
- Blue (100%)



- Red (48%)
- 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, 38.243, 264.173 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, 38.243, 264.173 by changing the saturation by 10% instead.


 75, 38.243,
264.173


 75, 38.243,
264.173


 100, 38.243,
264.173


 65, 38.243,
264.173


 95, 38.243,
264.173

 55, 38.243,
264.173

 45, 38.243,
264.173

 35, 38.243,
264.173

 25, 38.243,
264.173

 15, 38.243,
264.173

 5, 38.243, 264.173

0, 38.243, 264.173

75, 38.243,
264.173

75, 38.243,
264.173

71, 45.171,
267.387

80, 31.147,
261.454

66, 51.985,
271.121

84, 23.874,
259.176

62, 58.779,
275.340

89, 16.440,
257.275

58, 65.681,
279.920

94, 8.873, 255.700

55, 71.696,
283.841

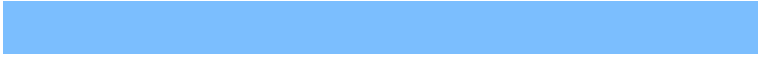
99, 1.208, 254.680

100, 0.440,
109.969

Harmonies

Complementary

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



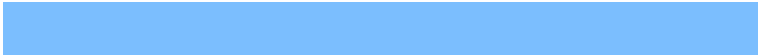
75, 38.243, 264.173



81, 45.054, 67.706

Rectangle

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



75, 38.243, 264.173



75, 38.243, 314.173



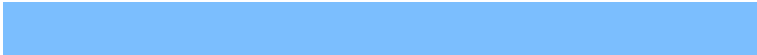
75, 38.243, 84.173



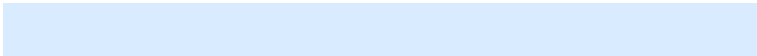
75, 38.243, 134.173

Sweetspot

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



75, 38.242, 264.173



93, 11.525, 256.208



91, 55.611, 157.234



48, 7.852, 256.537



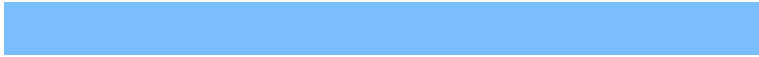
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



75, 38.242, 264.173



71, 45.604, 267.546



58, 72.812, 297.329



51, 4.384, 255.417



42, 56.929, 282.995



12, 23.228, 276.347

Inverse Universe

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



69, 58.254, 348.607



64, 68.339, 350.393



97, 63.114, 104.497



50, 6.434, 343.765



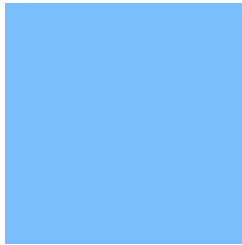
41, 68.388, 0.984



10, 31.986, 355.570

Previews

White Background



This preview shows how the CIELCh color 75, 38.243, 264.173 looks on a white background.

Color Contrast Check

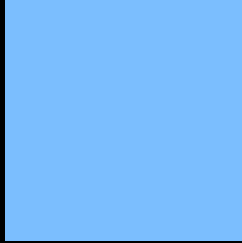
Large Text (above 18pt) WCAG AA × Fail

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, 38.243, 264.173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

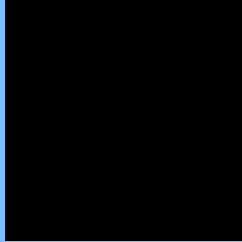
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

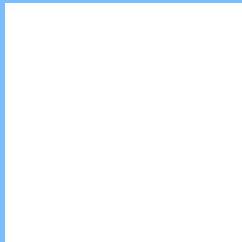
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 38.243, 264.173

Background



This preview shows how black text looks on a background with the CIELCh color 75, 38.243, 264.173.

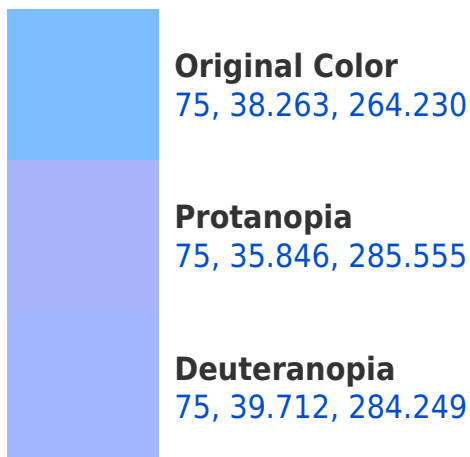


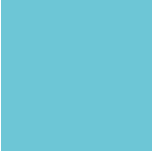
This preview shows how white text looks on a background with the CIELCh color 75, 38.243, 264.173.

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](#).

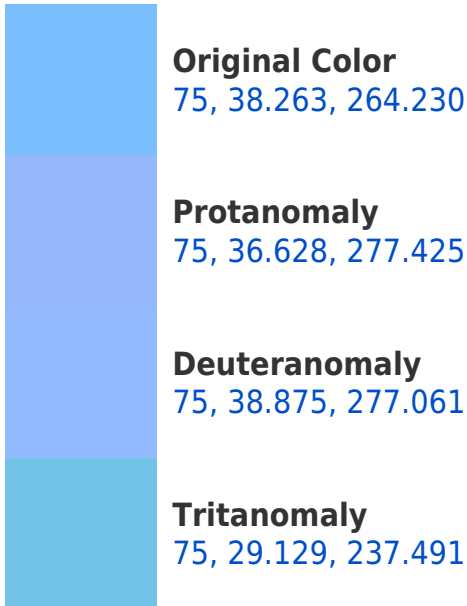
Dichromacy



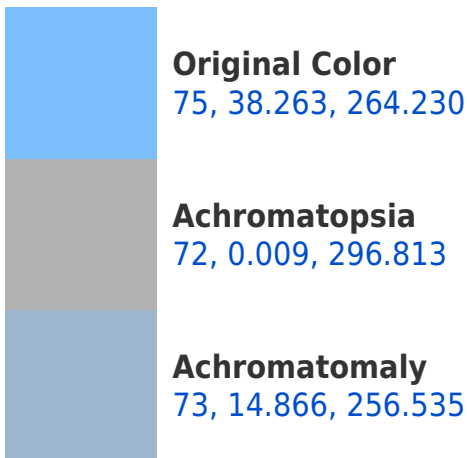


Tritanopia
75, 27.703, 215.927

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 38.243, 264.173 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(123, 190, 254)` looks like.

```
.text, #text, p{  
    color:rgb(123, 190, 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(123, 190, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 190, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 38.243, 264.173 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(123, 190, 254) }
```

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

```
.border{ border-color:rgb(123, 190, 254) }
```

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

Here you see how a box with a 4 pixel rgb(123, 190, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 190, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 190, 254);  
box-shadow:4px 4px 4px 4px rgb(123, 190,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 38.243, 264.173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 190, 254) }
```

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

```
.background{ background-color: rgb(123,  
190, 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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