

Converting Colors

CIELCh(75, 38.990, 258.456)

Have a look what the booklet for
CIELCh(75, 38.990, 258.456)
contains.

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Color

CIELCh(75, 38.990, 258.456)

Conversions

Conversions Part 1

Format	Color
Hex	6DC0FE
RGB	109, 192, 254
RGB Percent	43%, 75%, 100%
CMY	0.5712, 0.2459, 0.0027
CMYK	0.57, 0.24, 0.00, 0.00
HSL	206°, 99%, 71%
HSV	206°, 57%, 100%
XYZ	43.2026, 48.2781, 101.0712
YIQ	174.2510, -69.3700, 1.6860

Conversions

Conversions Part 2

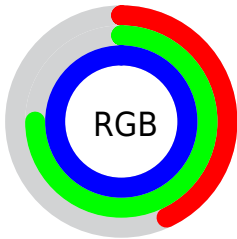
Format	Color
R _Y B	109, 162, 254
Decimal	7192830
CIE Lab	75.00, -7.80, -38.20
CIE LCh	75, 38.990, 258.456
Yxy	48.2781, 0.2244, 0.2507
Android (android.graphics.Color)	4285382910 (0xFF6DC0FE)
YUV	174.2510, 39.3163, -57.2251
Hunter-Lab	69.4824, -10.6071, -37.6073

Details

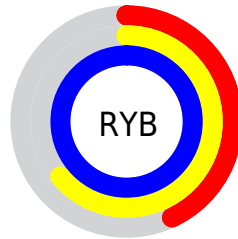
The CIELCh color **75, 38.990, 258.456** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **77, 50.238, 61.101**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 24.927, 206.304**, and **55, 38.873, 258.123** is the 20% darker color. If you saturate the color by 10%, you get **71, 44.859, 261.951**, and if you desaturate by 10%, it is **79, 32.812, 255.523**.

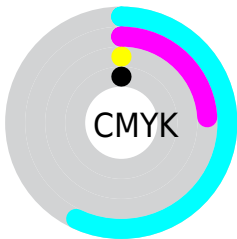
Distribution



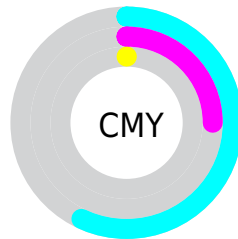
- Red (43%)
- Green (75%)
- Blue (100%)



- Red (43%)
- Yellow (64%)
- Blue (100%)



- Cyan (57%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)





- Cyan (57%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 38.990, 258.456 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, 38.990, 258.456 by changing the saturation by 10% instead.


 75, 38.990,
258.456


 75, 38.990,
258.456


 100, 38.990,
258.456


 65, 38.990,
258.456


 95, 38.990,
258.456

 55, 38.990,
258.456

 45, 38.990,
258.456

 35, 38.990,
258.456

 25, 38.990,
258.456

 15, 38.990,
258.456

 5, 38.990, 258.456

■ 0, 38.990, 258.456

■ 75, 38.990,
258.456

■ 75, 38.990,
258.456

■ 71, 44.859,
261.951

■ 79, 32.812,
255.523

■ 67, 50.487,
266.027

■ 83, 26.313,
253.091

■ 64, 56.002,
270.633

■ 88, 19.514,
251.089

■ 60, 61.575,
275.598

■ 92, 12.458,
249.446

■ 60, 63.300,
277.056

■ 97, 5.194, 248.132

■ 100, 0.336,
109.923

Harmonies

Complementary

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



75, 38.990, 258.456



77, 50.238, 61.101

Rectangle

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



75, 38.990, 258.456



75, 38.990, 308.456



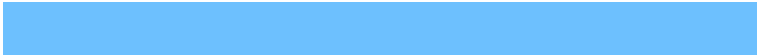
75, 38.990, 78.456



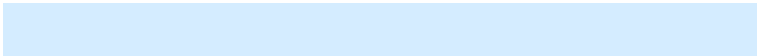
75, 38.990, 128.456

Sweetspot

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



75, 38.989, 258.456



92, 12.482, 249.446



90, 64.411, 153.264



48, 8.327, 249.749



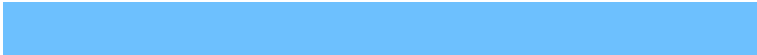
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



75, 38.989, 258.456



71, 45.526, 262.334



56, 75.466, 296.041



51, 4.212, 248.426



45, 50.321, 276.141



14, 20.863, 269.082

Inverse Universe

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



66, 65.719, 345.804



62, 75.330, 347.610



94, 65.330, 100.610



50, 6.706, 340.662



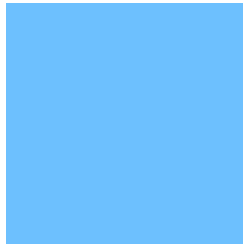
42, 69.570, 355.423



11, 32.730, 350.966

Previews

White Background



This preview shows how the CIELCh color 75, 38.990, 258.456 looks on a white background.

Color Contrast Check

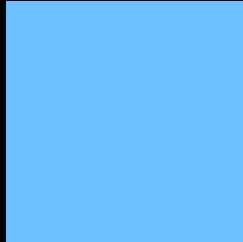
Large Text (above 18pt) WCAG AA × Fail

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, 38.990, 258.456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

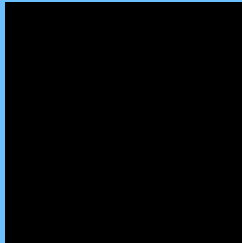
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

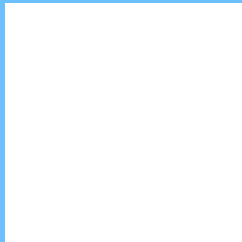
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 38.990, 258.456

Background



This preview shows how black text looks on a background with the CIELCh color 75, 38.990, 258.456.

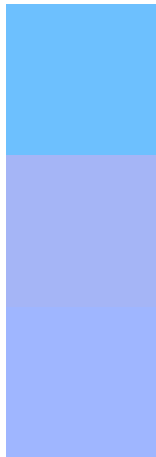


This preview shows how white text looks on a background with the CIELCh color 75, 38.990, 258.456.

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, 38.990, 258.456

Protanopia

75, 35.317, 285.368

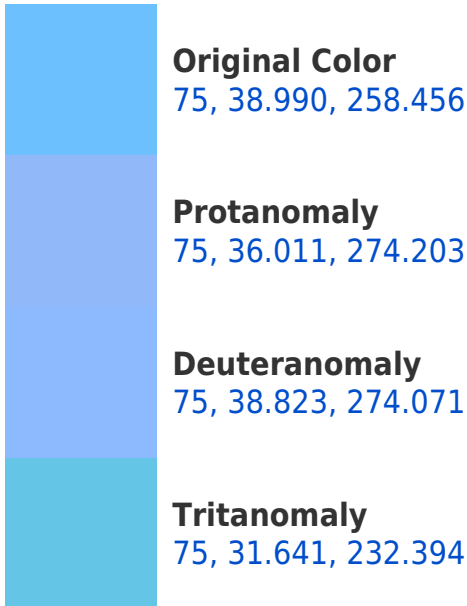
Deuteranopia

75, 39.751, 283.844

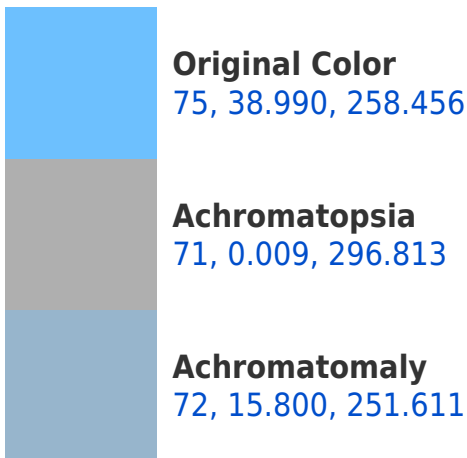


Tritanopia
75, 31.017, 214.759

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 38.990, 258.456 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(109, 192, 254)` looks like.

```
.text, #text, p{  
    color:rgb(109, 192, 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(109, 192, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 192, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 38.990, 258.456 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(109, 192, 254) }
```

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

```
.border{ border-color:rgb(109, 192, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 192, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 192, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 192, 254);  
box-shadow:4px 4px 4px 4px rgb(109, 192,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 38.990, 258.456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 192, 254) }
```

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

```
.background{ background-color: rgb(109,  
192, 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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