

Converting Colors

CIELCh(75, 38.517, 265.325)

Have a look what the booklet for
CIELCh(75, 38.517, 265.325)
contains.

CIELCh(75, 38.518, 265.353)	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, 38.518, 265.353)

Conversions

Conversions Part 1

Format	Color
Hex	7DBEFF
RGB	125, 190, 255
RGB Percent	49%, 75%, 100%
CMY	0.5107, 0.2558, 0.0009
CMYK	0.51, 0.26, 0.00, 0.00
HSL	210°, 100%, 74%
HSV	210°, 51%, 100%
XYZ	44.8004, 48.2781, 101.3669
YIQ	177.9750, -59.6050, 6.4350

Conversions

Conversions Part 2

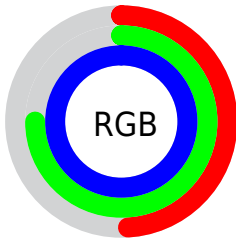
Format	Color
R _Y B	125, 168, 255
Decimal	8240895
CIE Lab	75.00, -3.12, -38.39
CIE LCh	75, 38.518, 265.353
Yxy	48.2781, 0.2304, 0.2483
Android (android.graphics.Color)	4286430975 (0xFF7DBEFF)
YUV	177.9750, 37.9733, -46.4591
Hunter-Lab	69.4824, -6.5024, -37.8596

Details

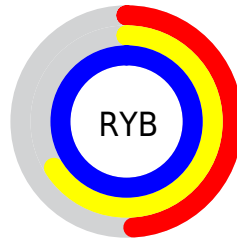
The CIELCh color **75, 38.518, 265.353** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **82, 44.760, 68.941**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 20.304, 211.527**, and **55, 38.444, 265.337** is the 20% darker color. If you saturate the color by 10%, you get **70, 45.655, 268.535**, and if you desaturate by 10%, it is **80, 31.240, 262.656**.

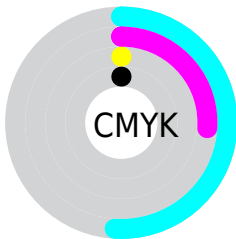
Distribution



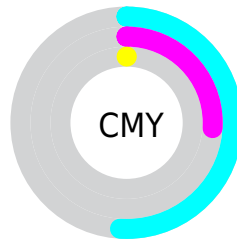
- Red (49%)
- Green (75%)
- Blue (100%)



- Red (49%)
- Yellow (66%)
- Blue (100%)



- Cyan (51%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)





- Cyan (51%)
- Magenta (26%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 38.518, 265.353 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, 38.518, 265.353 by changing the saturation by 10% instead.


 75, 38.518,
265.353


 75, 38.518,
265.353


 100, 38.518,
265.353


 65, 38.518,
265.353


 95, 38.518,
265.353

 55, 38.518,
265.353

 45, 38.518,
265.353

 35, 38.518,
265.353

 25, 38.518,
265.353

 15, 38.518,
265.353

 5, 38.518, 265.353

0, 38.518, 265.353

75, 38.518,
265.353

75, 38.518,
265.353

70, 45.655,
268.535

80, 31.240,
262.656

66, 52.705,
272.226

85, 23.812,
260.391

62, 59.760,
276.390

89, 16.246,
258.498

58, 66.940,
280.906

94, 8.568, 256.926

55, 73.592,
285.015

99, 0.809, 256.076

100, 0.107,
109.448

Harmonies

Complementary

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



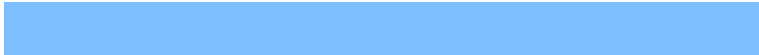
75, 38.518, 265.353



82, 44.760, 68.941

Rectangle

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



75, 38.518, 265.353



75, 38.518, 315.353



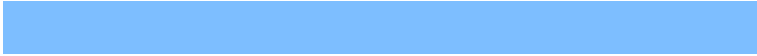
75, 38.518, 85.353



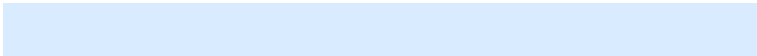
75, 38.518, 135.353

Sweetspot

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



75, 38.517, 265.353



93, 11.639, 257.514



91, 55.214, 157.310



48, 7.931, 257.846



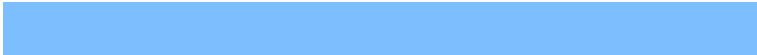
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



75, 38.517, 265.353



70, 45.670, 268.527



59, 72.139, 297.217



51, 4.424, 256.715



41, 58.296, 284.177



12, 23.728, 277.621

Inverse Universe

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



69, 57.483, 349.254



65, 67.094, 350.978



97, 62.657, 104.543



50, 6.383, 344.402



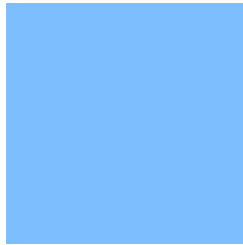
41, 68.248, 2.102



10, 31.870, 356.504

Previews

White Background



This preview shows how the CIELCh color 75, 38.518, 265.353 looks on a white background.

Color Contrast Check

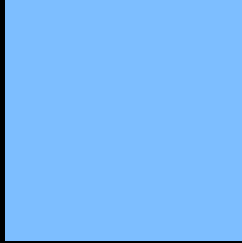
Large Text (above 18pt) WCAG AA × Fail

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, 38.518, 265.353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

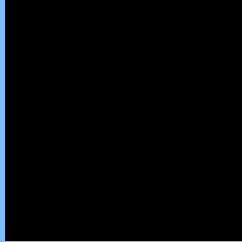
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

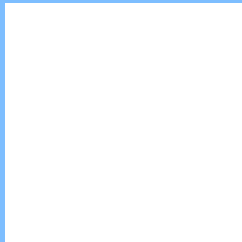
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 38.518, 265.353

Background



This preview shows how black text looks on a background with the CIELCh color 75, 38.518, 265.353.

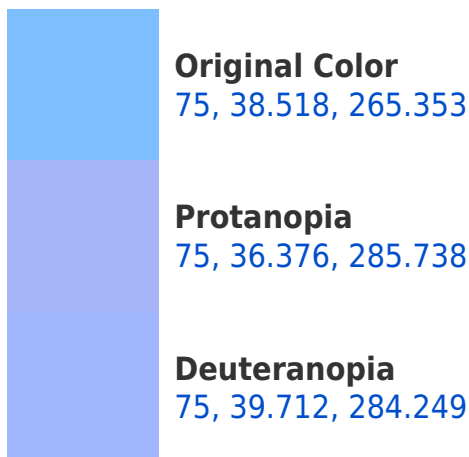


This preview shows how white text looks on a background with the CIELCh color 75, 38.518, 265.353.

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](#).

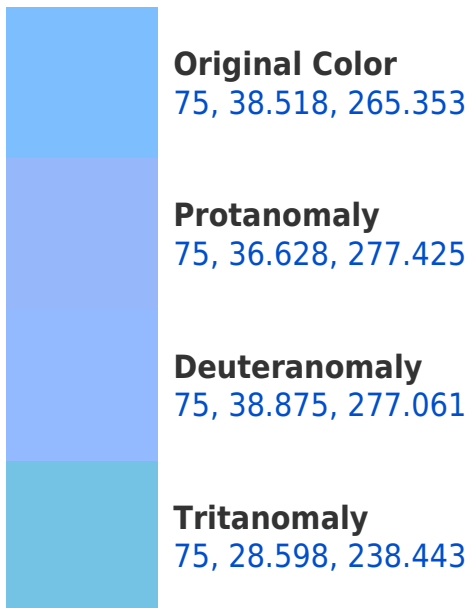
Dichromacy



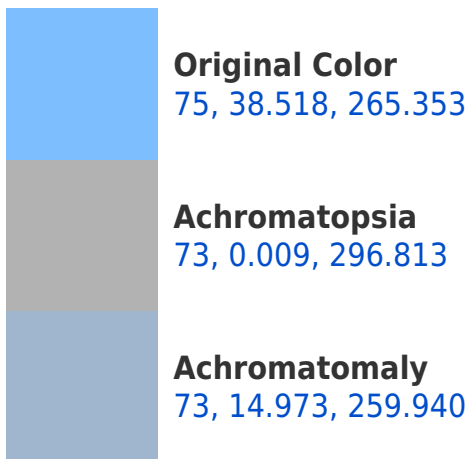


Tritanopia
75, 27.038, 216.449

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 38.518, 265.353 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(125, 190, 255)` looks like.

```
.text, #text, p{  
    color:rgb(125, 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(125, 190, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 190, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 38.518, 265.353 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(125, 190, 255) }
```

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

```
.border{ border-color:rgb(125, 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(125, 190, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(125, 190, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(125, 190, 255); box-shadow:4px 4px 4px 4px rgb(125, 190, 255) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 38.518, 265.353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 190, 255) }
```

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

```
.background{ background-color: rgb(125,  
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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