

Converting Colors

CIELCh(75, 35.304, 260.372)

Have a look what the booklet for
CIELCh(75, 35.304, 260.372)
contains.

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Color

CIELCh(75, 35.213, 260.339)

Conversions

Conversions Part 1

Format	Color
Hex	7CBFF8
RGB	124, 191, 248
RGB Percent	49%, 75%, 97%
CMY	0.5140, 0.2513, 0.0278
CMYK	0.50, 0.23, 0.00, 0.03
HSL	208°, 90%, 73%
HSV	208°, 50%, 97%
XYZ	43.8440, 48.2781, 95.7471
YIQ	177.4650, -58.2290, 3.5230

Conversions

Conversions Part 2

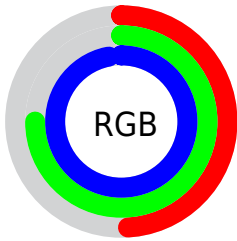
Format	Color
RYB	124, 167, 248
Decimal	8175608
CIELab	75.00, -5.91, -34.71
CIELCh	75, 35.213, 260.339
Yxy	48.2781, 0.2334, 0.2570
Android (android.graphics.Color)	4286365688 (0xFF7CBFF8)
YUV	177.4650, 34.7738, -46.8888
Hunter-Lab	69.4824, -8.9592, -33.0642

Details

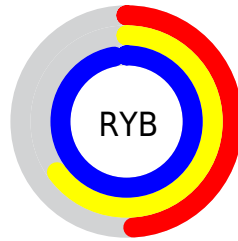
The CIELCh color **75, 35.213, 260.339** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **79, 42.453, 65.052**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 21.095, 209.514**, and **55, 34.926, 259.941** is the 20% darker color. If you saturate the color by 10%, you get **71, 41.610, 263.462**, and if you desaturate by 10%, it is **79, 28.578, 257.719**.

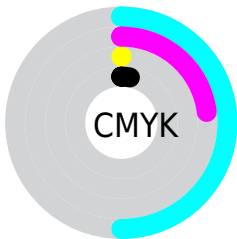
Distribution



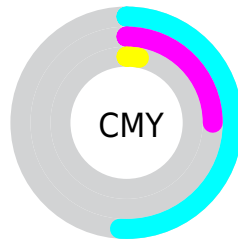
- Red (49%)
- Green (75%)
- Blue (97%)



- Red (49%)
- Yellow (65%)
- Blue (97%)



- Cyan (50%)
- Magenta (23%)
- Yellow (0%)
- Black (3%)





- Cyan (51%)
- Magenta (25%)
- Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 35.213, 260.339 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, 35.213, 260.339 by changing the saturation by 10% instead.


 75, 35.213,
260.339


 75, 35.213,
260.339


 100, 35.213,
260.339


 65, 35.213,
260.339


 95, 35.213,
260.339

 55, 35.213,
260.339

 45, 35.213,
260.339

 35, 35.213,
260.339

 25, 35.213,
260.339

 15, 35.213,
260.339

 5, 35.213, 260.339

0, 35.213, 260.339

75, 35.213,
260.339

75, 35.213,
260.339

71, 41.610,
263.462

79, 28.578,
257.719

67, 47.809,
267.129

84, 21.710,
255.540

63, 53.894,
271.328

88, 14.635,
253.734

59, 59.996,
275.962

93, 7.392, 252.253

56, 66.272,
280.750

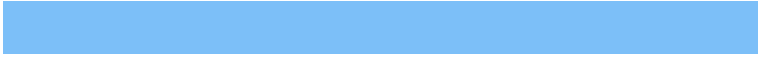
98, 0.021, 274.267

100, 3.580,
109.889

Harmonies

Complementary

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



75, 35.213, 260.339



79, 42.453, 65.052

Rectangle

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



75, 35.213, 260.339



75, 35.213, 310.339



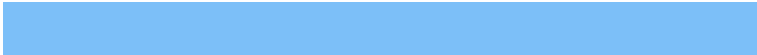
75, 35.213, 80.339



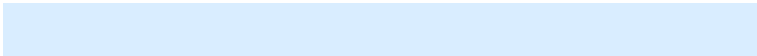
75, 35.213, 130.339

Sweetspot

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



75, 35.212, 260.339



93, 11.276, 252.955



89, 54.579, 155.840



49, 7.678, 253.275



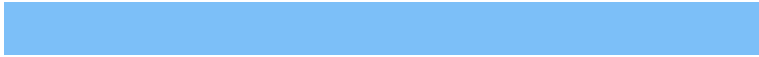
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



75, 35.212, 260.339



73, 42.556, 263.487



59, 66.475, 295.746



50, 4.224, 252.185



43, 53.142, 279.890



12, 21.358, 272.668

Inverse Universe

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



68, 56.413, 346.658



65, 67.521, 348.212



94, 58.488, 103.036



49, 6.452, 342.267



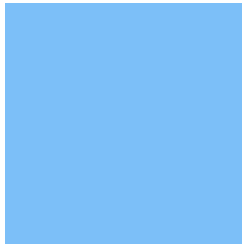
41, 68.174, 358.283



10, 31.498, 353.098

Previews

White Background



This preview shows how the CIELCh color 75, 35.213, 260.339 looks on a white background.

Color Contrast Check

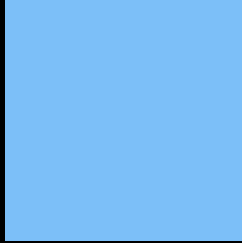
Large Text (above 18pt) WCAG AA × Fail

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, 35.213, 260.339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

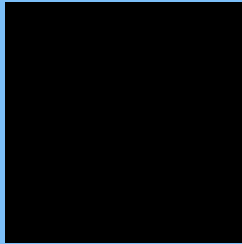
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

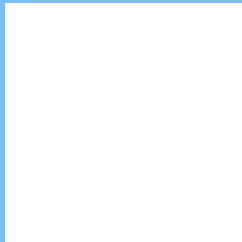
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 35.213, 260.339

Background



This preview shows how black text looks on a background with the CIELCh color 75, 35.213, 260.339.



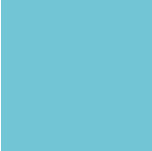
This preview shows how white text looks on a background with the CIELCh color 75, 35.213, 260.339.

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, 26.592, 216.805

Trichromacy



Original Color
75, 35.213, 260.339

Protanomaly
75, 32.991, 275.410

Deuteranomaly
75, 35.720, 275.876

Tritanomaly
75, 27.827, 235.363

Monochromacy



Original Color
75, 35.213, 260.339

Achromatopsia
72, 0.009, 296.813

Achromatomaly
73, 13.833, 254.873

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 35.213, 260.339 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(124, 191, 248)` looks like.

```
.text, #text, p{  
    color:rgb(124, 191, 248)  
}
```

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(124, 191, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 191, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 35.213, 260.339 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(124, 191, 248) }
```

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

```
.border{ border-color:rgb(124, 191, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 191, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(124, 191, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(124, 191, 248); box-shadow:4px 4px 4px 4px rgb(124, 191, 248) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 35.213, 260.339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 191, 248) }
```

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

```
.background{ background-color: rgb(124,  
191, 248) }
```

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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