

Converting Colors

CIELCh(75, 35.318, 252.976)

Have a look what the booklet for
CIELCh(75, 35.318, 252.976)
contains.

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Color

CIELCh(75, 35.373, 253.013)

Conversions

Conversions Part 1

Format	Color
Hex	6FC1F6
RGB	111, 193, 246
RGB Percent	44%, 76%, 96%
CMY	0.5639, 0.2424, 0.0345
CMYK	0.55, 0.22, 0.00, 0.03
HSL	204°, 88%, 70%
HSV	204°, 55%, 97%
XYZ	42.3547, 48.2781, 94.4282
YIQ	174.5240, -65.8850, -0.9010

Conversions

Conversions Part 2

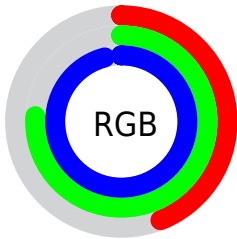
Format	Color
R _Y B	111, 162, 246
Decimal	7324150
CIE Lab	75.00, -10.33, -33.83
CIE LCh	75, 35.373, 253.013
Yxy	48.2781, 0.2289, 0.2609
Android (android.graphics.Color)	4285514230 (0xFF6FC1F6)
YUV	174.5240, 35.2377, -55.7105
Hunter-Lab	69.4824, -12.7854, -31.9387

Details

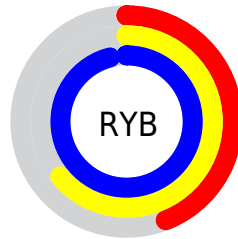
The CIELCh color **75, 35.373, 253.013** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **74, 46.865, 57.863**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 24.924, 205.087**, and **55, 35.093, 252.103** is the 20% darker color. If you saturate the color by 10%, you get **71, 40.667, 256.298**, and if you desaturate by 10%, it is **79, 29.677, 250.294**.

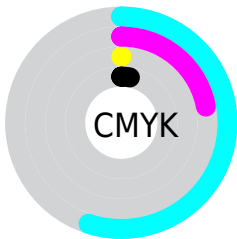
Distribution



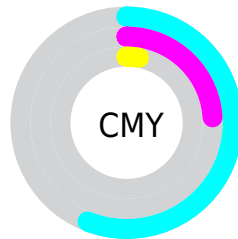
- Red (44%)
- Green (76%)
- Blue (96%)



- Red (44%)
- Yellow (64%)
- Blue (96%)



- Cyan (55%)
- Magenta (22%)
- Yellow (0%)
- Black (3%)





- Cyan (56%)
- Magenta (24%)
- Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 35.373, 253.013 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, 35.373, 253.013 by changing the saturation by 10% instead.


 75, 35.373,
253.013


 75, 35.373,
253.013


 100, 35.373,
253.013


 65, 35.373,
253.013


 95, 35.373,
253.013

 55, 35.373,
253.013

 45, 35.373,
253.013

 35, 35.373,
253.013

 25, 35.373,
253.013

 15, 35.373,
253.013

 5, 35.373, 253.013

■ 0, 35.373, 253.013

■ 75, 35.373,
253.013

■ 75, 35.373,
253.013

■ 71, 40.667,
256.298

■ 79, 29.677,
250.294

■ 68, 45.605,
260.198

■ 83, 23.592,
248.068

■ 65, 50.292,
264.700

■ 87, 17.154,
246.254

■ 62, 54.899,
269.689

■ 91, 10.419,
244.786

■ 60, 57.341,
272.310

■ 95, 3.444, 243.668

■ 99, 2.855, 81.796

■ 100, 4.456,

Harmonies

Complementary

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



75, 35.373, 253.013



74, 46.865, 57.863

Rectangle

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



75, 35.373, 253.013



75, 35.373, 303.013



75, 35.373, 73.013



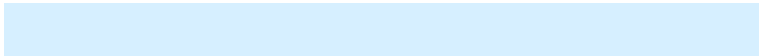
75, 35.373, 123.013

Sweetspot

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



75, 35.372, 253.013



93, 11.545, 244.945



88, 62.356, 152.153



49, 7.769, 245.230



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, 35.372, 253.013



73, 42.440, 256.768



57, 67.629, 294.100



49, 4.007, 244.132



46, 45.852, 271.354



13, 18.439, 263.358

Inverse Universe

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



66, 63.221, 343.490



63, 75.214, 345.103



91, 59.784, 98.975



48, 6.646, 338.972



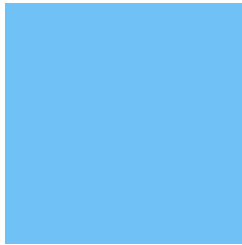
41, 69.208, 352.287



9, 31.607, 348.015

Previews

White Background



This preview shows how the CIELCh color 75, 35.373, 253.013 looks on a white background.

Color Contrast Check

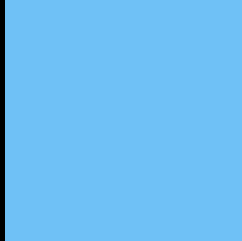
Large Text (above 18pt) WCAG AA × Fail

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, 35.373, 253.013 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

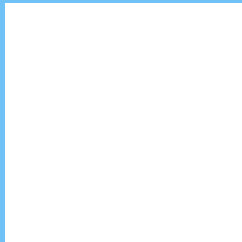
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 35.373, 253.013

Background



This preview shows how black text looks on a background with the CIELCh color 75, 35.373, 253.013.

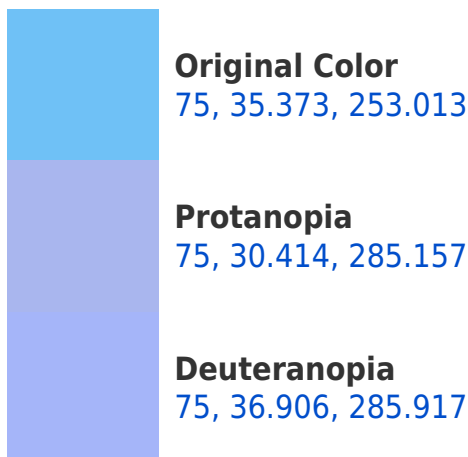


This preview shows how white text looks on a background with the CIELCh color 75, 35.373, 253.013.

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, 30.003, 214.320

Trichromacy



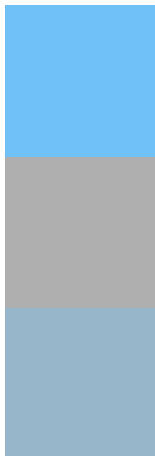
Original Color
75, 35.373, 253.013

Protanomaly
75, 31.390, 271.307

Deuteranomaly
75, 35.515, 273.822

Tritanomaly
75, 30.348, 229.114

Monochromacy



Original Color
75, 35.373, 253.013

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 14.268, 245.496

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 35.373, 253.013 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(111, 193, 246)` looks like.

```
.text, #text, p{  
    color:rgb(111, 193, 246)  
}
```

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(111, 193, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 193, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 35.373, 253.013 is called "border". The border property can be set on classes, ids or directly on the HTML element.

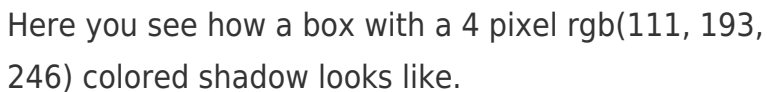
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(111, 193, 246) }
```

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

```
.border{ border-color:rgb(111, 193, 246) }
```

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



Here you see how a box with a 4 pixel `rgb(111, 193, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(111, 193, 246); -webkit-box-shadow:4px 4px 4px 4px rgb(111, 193, 246); box-shadow:4px 4px 4px 4px rgb(111, 193, 246) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 35.373, 253.013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 193, 246) }
```

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

```
.background{ background-color: rgb(111,  
193, 246) }
```

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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