

Converting Colors

CIELCh(75, 41.092, 247.669)

Have a look what the booklet for
CIELCh(75, 41.092, 247.669)
contains.

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Color

CIELCh(75, 41.194, 248.100)

Conversions

Conversions Part 1

Format	Color
Hex	4CC4FE
RGB	76, 196, 254
RGB Percent	30%, 77%, 100%
CMY	0.7009, 0.2306, 0.0032
CMYK	0.70, 0.23, 0.00, 0.00
HSL	200°, 99%, 65%
HSV	200°, 70%, 100%
XYZ	40.7029, 48.2781, 101.1023
YIQ	166.7320, -90.1380, -7.4020

Conversions

Conversions Part 2

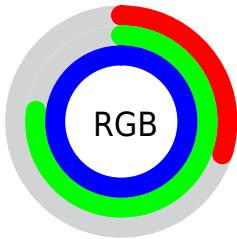
Format	Color
RYB	76, 148, 254
Decimal	5031166
CIELab	75.00, -15.36, -38.22
CIElCh	75, 41.194, 248.100
Yxy	48.2781, 0.2141, 0.2540
Android (android.graphics.Color)	4283221246 (0xFF4CC4FE)
YUV	166.7320, 43.0231, -79.5720
Hunter-Lab	69.4824, -17.0287, -37.6338

Details

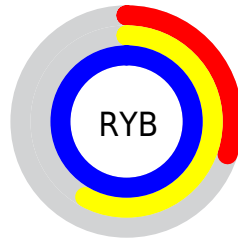
The CIELCh color **75, 41.194, 248.100** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed cyan. A complement of this color would be **69, 65.426, 50.892**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 32.683, 199.234**, and **55, 39.154, 252.374** is the 20% darker color. If you saturate the color by 10%, you get **72, 44.977, 252.101**, and if you desaturate by 10%, it is **78, 36.873, 244.778**.

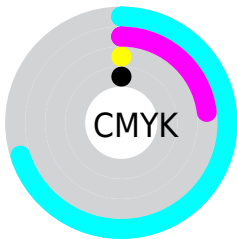
Distribution



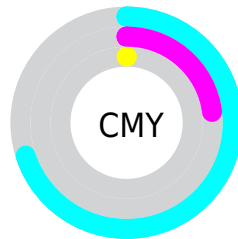
- Red (30%)
- Green (77%)
- Blue (100%)



- Red (30%)
- Yellow (58%)
- Blue (100%)



- Cyan (70%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)





- Cyan (70%)
- Magenta (23%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 41.194, 248.100 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, 41.194, 248.100 by changing the saturation by 10% instead.


 75, 41.194,
248.100


 75, 41.194,
248.100


 100, 41.194,
248.100


 65, 41.194,
248.100


 95, 41.194,
248.100

 55, 41.194,
248.100

 45, 41.194,
248.100

 35, 41.194,
248.100

 25, 41.194,
248.100

 15, 41.194,
248.100

 5, 41.194, 248.100

■ 0, 41.194, 248.100

■ 75, 41.194,
248.100

■ 75, 41.194,
248.100

■ 72, 44.977,
252.101

■ 78, 36.873,
244.778

■ 69, 48.364,
256.774

■ 81, 31.963,
242.075

■ 67, 51.605,
261.916

■ 85, 26.473,
239.904

■ 67, 51.607,
261.918

■ 88, 20.457,
238.174

■ 92, 13.986,
236.805

■ 96, 7.143, 235.745

100, 0.011,
311.850

100, 0.397,
109.953

Harmonies

Complementary

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



75, 41.194, 248.100



69, 65.426, 50.892

Rectangle

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



75, 41.194, 248.100



75, 41.194, 298.100



75, 41.194, 68.100



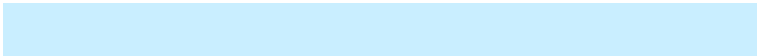
75, 41.194, 118.100

Sweetspot

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



75, 41.193, 248.100



92, 14.692, 236.929



89, 83.141, 147.036



48, 9.878, 237.283



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, 41.193, 248.100



71, 46.487, 253.902



51, 83.694, 295.144



51, 4.077, 235.702



51, 41.252, 260.948



16, 17.801, 253.752

Inverse Universe

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



62, 81.104, 341.832



58, 88.682, 344.012



89, 71.965, 92.997



50, 7.205, 335.996



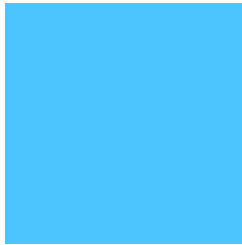
42, 73.133, 346.909



11, 34.481, 343.974

Previews

White Background



This preview shows how the CIELCh color 75, 41.194, 248.100 looks on a white background.

Color Contrast Check

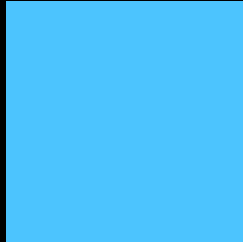
Large Text (above 18pt) WCAG AA × Fail

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, 41.194, 248.100 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

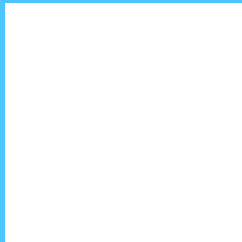
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 41.194, 248.100

Background



This preview shows how black text looks on a background with the CIELCh color 75, 41.194, 248.100.

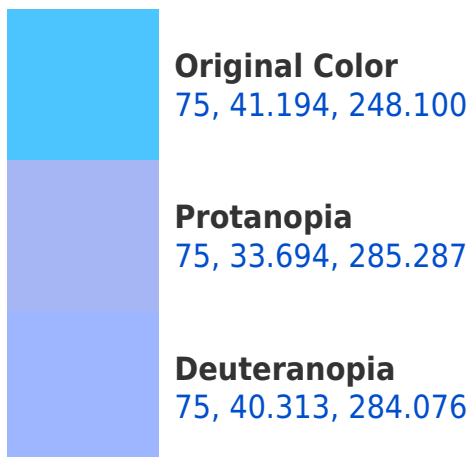


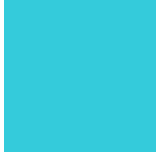
This preview shows how white text looks on a background with the CIELCh color 75, 41.194, 248.100.

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](#).

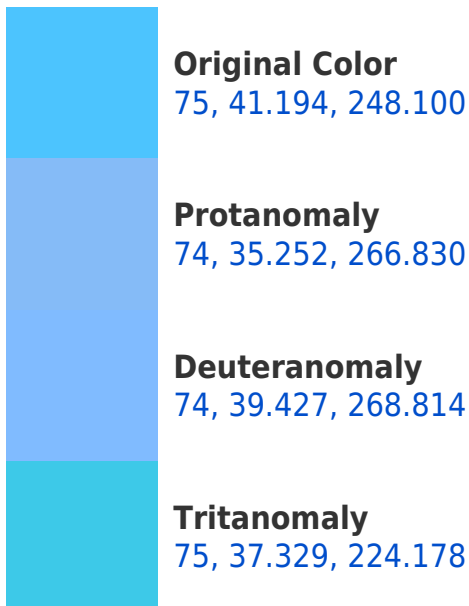
Dichromacy



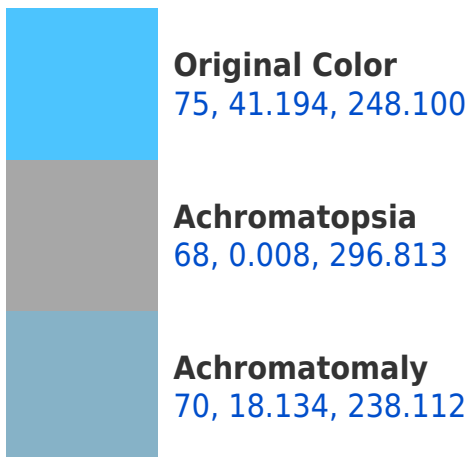


Tritanopia
75, 37.859, 210.214

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 41.194, 248.100 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(76, 196, 254)` looks like.

```
.text, #text, p{  
    color:rgb(76, 196, 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(76, 196, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 196, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 41.194, 248.100 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(76, 196, 254) }
```

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

```
.border{ border-color:rgb(76, 196, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 196, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 196, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 196, 254);  
box-shadow:4px 4px 4px 4px rgb(76, 196,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 41.194, 248.100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 196, 254) }
```

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

```
.background{ background-color: rgb(76, 196,  
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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