

Converting Colors

CIELCh(75, 41.399, 248.803)

Have a look what the booklet for
CIELCh(75, 41.399, 248.803)
contains.

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Color

CIELCh(75, 41.428, 248.908)

Conversions

Conversions Part 1

Format	Color
Hex	4DC4FF
RGB	77, 196, 255
RGB Percent	30%, 77%, 100%
CMY	0.6980, 0.2314, 0.0000
CMYK	0.70, 0.23, 0.00, 0.00
HSL	200°, 100%, 65%
HSV	200°, 70%, 100%
XYZ	40.8510, 48.2781, 101.7741
YIQ	167.1450, -89.8630, -6.8790

Conversions

Conversions Part 2

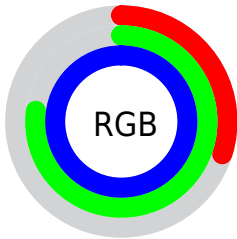
Format	Color
RYB	77, 148, 255
Decimal	5096703
CIELab	75.00, -14.91, -38.65
CIElCh	75, 41.428, 248.908
Yxy	48.2781, 0.2140, 0.2529
Android (android.graphics.Color)	4283286783 (0xFF4DC4FF)
YUV	167.1450, 43.3125, -79.0572
Hunter-Lab	69.4824, -16.6484, -38.2070

Details

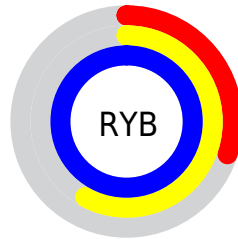
The CIELCh color **75, 41.428, 248.908** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed cyan. A complement of this color would be **69, 65.240, 51.348**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 32.447, 199.261**, and **56, 39.515, 253.104** is the 20% darker color. If you saturate the color by 10%, you get **72, 45.313, 252.927**, and if you desaturate by 10%, it is **78, 37.018, 245.563**.

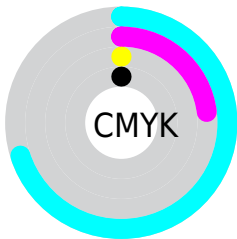
Distribution



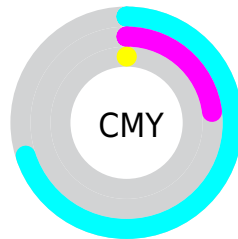
- Red (30%)
- Green (77%)
- Blue (100%)



- 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, 41.428, 248.908 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, 41.428, 248.908 by changing the saturation by 10% instead.

 75, 41.428,
248.908


 75, 41.428,
248.908


 100, 41.428,
248.908


 65, 41.428,
248.908


 95, 41.428,
248.908

 55, 41.428,
248.908

 45, 41.428,
248.908

 35, 41.428,
248.908

 25, 41.428,
248.908

 15, 41.428,
248.908

 5, 41.428, 248.908

■ 0, 41.428, 248.908

■ 75, 41.428,
248.908

■ 75, 41.428,
248.908

■ 72, 45.313,
252.927

■ 78, 37.018,
245.563

■ 69, 48.818,
257.613

■ 81, 32.034,
242.837

■ 67, 52.186,
262.766

■ 85, 26.483,
240.643

■ 67, 52.256,
262.867

■ 89, 20.415,
238.892

■ 92, 13.903,
237.502

■ 96, 7.026, 236.424

100, 0.012,
296.813

Harmonies

Complementary

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



75, 41.428, 248.908



69, 65.240, 51.348

Rectangle

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



75, 41.428, 248.908



75, 41.428, 298.908



75, 41.428, 68.908



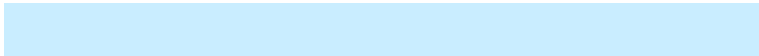
75, 41.428, 118.908

Sweetspot

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



75, 41.426, 248.907



92, 14.706, 237.652



89, 83.165, 147.068



48, 9.889, 238.014



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, 41.426, 248.907



71, 46.821, 254.819



52, 83.647, 295.090



51, 4.079, 236.398



51, 41.653, 261.888



16, 17.930, 254.669

Inverse Universe

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



62, 80.897, 342.112



58, 88.395, 344.364



89, 71.985, 93.020



50, 7.177, 336.228



42, 72.898, 347.332



11, 34.374, 344.322

Previews

White Background



This preview shows how the CIELCh color 75, 41.428, 248.908 looks on a white background.

Color Contrast Check

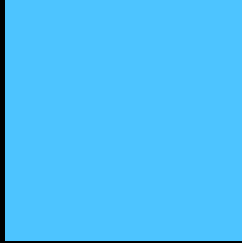
Large Text (above 18pt) WCAG AA × Fail

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, 41.428, 248.908 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

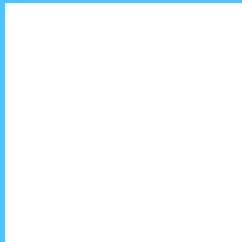
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 41.428, 248.908

Background



This preview shows how black text looks on a background with the CIELCh color 75, 41.428, 248.908.

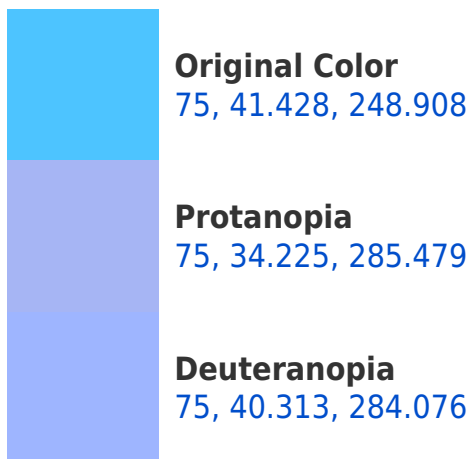


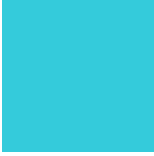
This preview shows how white text looks on a background with the CIELCh color 75, 41.428, 248.908.

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](#).

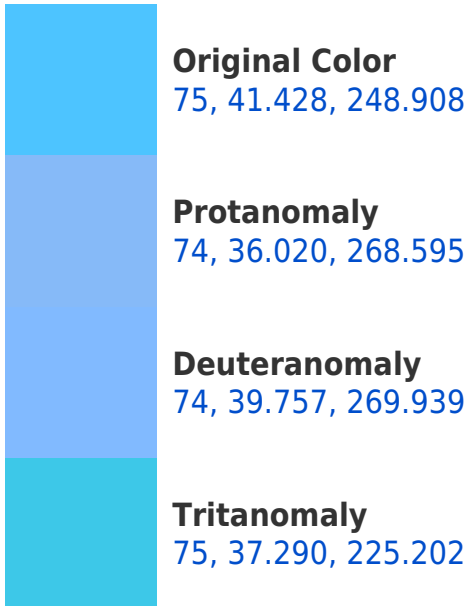
Dichromacy



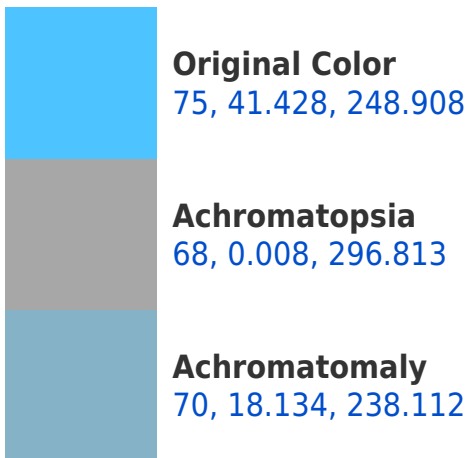


Tritanopia
75, 37.859, 210.214

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 41.428, 248.908 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(77, 196, 255)` looks like.

```
.text, #text, p{  
    color:rgb(77, 196, 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(77, 196, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 196, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 41.428, 248.908 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(77, 196, 255) }
```

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

```
.border{ border-color:rgb(77, 196, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 196, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 196, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 196, 255);  
box-shadow:4px 4px 4px 4px rgb(77, 196,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 41.428, 248.908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 196, 255) }
```

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

```
.background{ background-color: rgb(77, 196,  
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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