

Converting Colors

CIELCh(75, 43.148, 244.640)

Have a look what the booklet for
CIELCh(75, 43.148, 244.640)
contains.

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Color

CIELCh(75, 42.954, 244.084)

Conversions

Conversions Part 1

Format	Color
Hex	34C6FF
RGB	52, 198, 255
RGB Percent	20%, 78%, 100%
CMY	0.7968, 0.2239, 0.0004
CMYK	0.80, 0.22, 0.00, 0.00
HSL	197°, 100%, 60%
HSV	197°, 80%, 100%
XYZ	39.6086, 48.2781, 101.7458
YIQ	160.8440, -105.3130, -13.2250

Conversions

Conversions Part 2

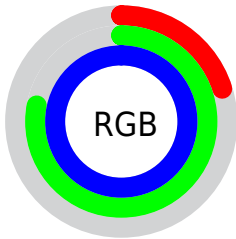
Format	Color
R _Y B	52, 137, 255
Decimal	3458815
CIE Lab	75.00, -18.77, -38.63
CIE LCh	75, 42.954, 244.084
Yxy	48.2781, 0.2089, 0.2546
Android (android.graphics.Color)	4281648895 (0xFF34C6FF)
YUV	160.8440, 46.4189, -95.4562
Hunter-Lab	69.4824, -19.8401, -38.1829

Details

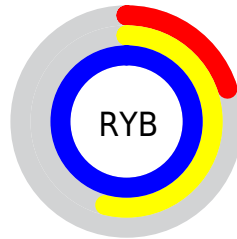
The CIELCh color **75, 42.954, 244.084** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **64, 77.876, 47.341**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 36.655, 197.170**, and **56, 38.956, 251.115** is the 20% darker color. If you saturate the color by 10%, you get **73, 45.563, 248.420**, and if you desaturate by 10%, it is **78, 39.775, 240.459**.

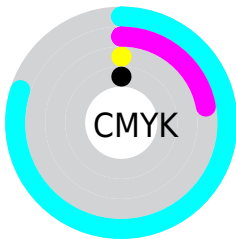
Distribution



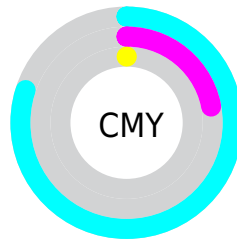
- Red (20%)
- Green (78%)
- Blue (100%)



- Red (20%)
- Yellow (54%)
- Blue (100%)



- Cyan (80%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)





- Cyan (80%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 42.954, 244.084 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, 42.954, 244.084 by changing the saturation by 10% instead.


 75, 42.954,
244.084


 75, 42.954,
244.084


 100, 42.954,
244.084


 65, 42.954,
244.084


 95, 42.954,
244.084

 55, 42.954,
244.084

 45, 42.954,
244.084

 35, 42.954,
244.084

 25, 42.954,
244.084

 15, 42.954,
244.084

 5, 42.954, 244.084

0, 42.954, 244.084

75, 42.954,
244.084

75, 42.954,
244.084

73, 45.563,
248.420

78, 39.775,
240.459

70, 47.856,
253.338

80, 35.911,
237.511

70, 47.934,
253.501

83, 31.330,
235.158

86, 26.062,
233.303

90, 20.180,
231.856

93, 13.774,
230.739

■ 96, 6.939, 229.908

100, 0.044,
108.409

Harmonies

Complementary

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



75, 42.954, 244.084



64, 77.876, 47.341

Rectangle

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



75, 42.954, 244.084



75, 42.954, 294.084



75, 42.954, 64.084



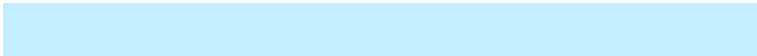
75, 42.954, 114.084

Sweetspot

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



75, 42.953, 244.084



92, 16.613, 231.186



89, 95.463, 143.553



48, 11.293, 231.595



0, 0.000, 0.000



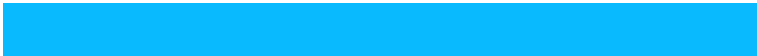
53, 0.007, 296.813

Same Dimension

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



75, 42.953, 244.084



71, 47.033, 251.508



48, 90.493, 295.696



51, 4.083, 229.897



54, 38.349, 252.554



17, 16.907, 245.730

Inverse Universe

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



60, 89.457, 340.585



57, 93.141, 343.148



85, 76.903, 87.985



50, 7.442, 334.127



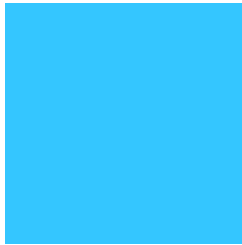
43, 75.257, 343.530



11, 35.431, 341.192

Previews

White Background



This preview shows how the CIELCh color 75, 42.954, 244.084 looks on a white background.

Color Contrast Check

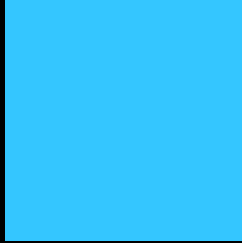
Large Text (above 18pt) WCAG AA × Fail

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, 42.954, 244.084 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

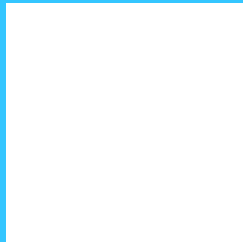
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 42.954, 244.084

Background



This preview shows how black text looks on a background with the CIELCh color 75, 42.954, 244.084.

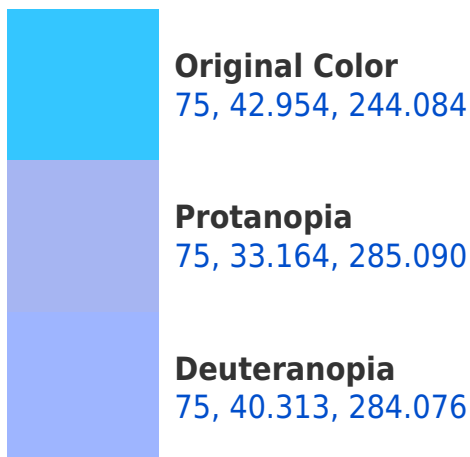


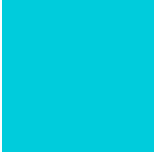
This preview shows how white text looks on a background with the CIELCh color 75, 42.954, 244.084.

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, 40.870, 209.022

Trichromacy



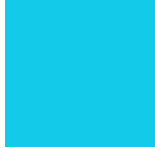
Original Color
75, 42.954, 244.084



Protanomaly
74, 36.155, 263.605



Deuteranomaly
74, 40.210, 266.056



Tritanomaly
75, 40.388, 221.793

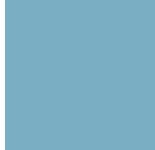
Monochromacy



Original Color
75, 42.954, 244.084



Achromatopsia
66, 0.008, 296.813



Achromatomaly
68, 20.237, 233.382

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 42.954, 244.084 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(52, 198, 255)` looks like.

```
.text, #text, p{  
    color:rgb(52, 198, 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(52, 198, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 198, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 42.954, 244.084 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(52, 198, 255) }
```

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

```
.border{ border-color:rgb(52, 198, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 198, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 198, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 198, 255);  
box-shadow:4px 4px 4px 4px rgb(52, 198,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 42.954, 244.084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 198, 255) }
```

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

```
.background{ background-color: rgb(52, 198,  
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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