

Converting Colors

CIELCh(72, 65.098, 238.870)

Have a look what the booklet for
CIELCh(72, 65.098, 238.870)
contains.

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Color

CIELCh(75, 44.772, 241.608)

Conversions

Conversions Part 1

Format	Color
Hex	08C7FF
RGB	8, 199, 255
RGB Percent	3%, 78%, 100%
CMY	0.9680, 0.2189, 0.0000
CMYK	0.97, 0.22, 0.00, 0.00
HSL	194°, 100%, 52%
HSV	194°, 97%, 100%
XYZ	38.8135, 48.2781, 102.9246
YIQ	148.2750, -131.8120, -23.0760

Conversions

Conversions Part 2

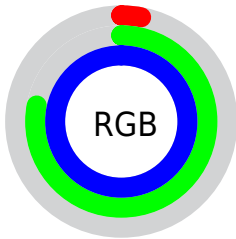
Format	Color
R _Y B	8, 116, 255
Decimal	575487
CIE Lab	75.00, -21.29, -39.39
CIE LCh	75, 44.772, 241.608
Yxy	48.2781, 0.2043, 0.2541
Android (android.graphics.Color)	4278765567 (0xFF08C7FF)
YUV	148.2750, 52.6154, -123.0212
Hunter-Lab	69.4824, -21.8827, -39.1888

Details

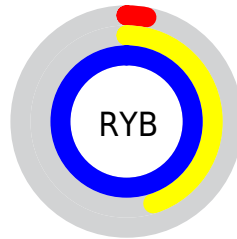
The CIELCh color **75, 44.772, 241.608** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light saturated cyan. A complement of this color would be **57, 96.518, 43.986**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 39.445, 197.005**, and **56, 38.693, 250.105** is the 20% darker color. If you saturate the color by 10%, you get **74, 44.876, 242.179**, and if you desaturate by 10%, it is **77, 43.028, 236.620**.

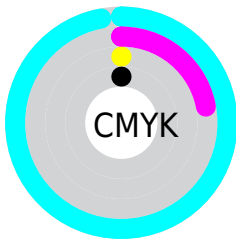
Distribution



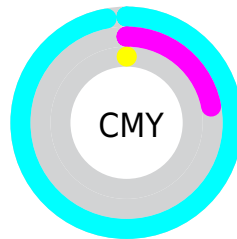
- Red (3%)
- Green (78%)
- Blue (100%)



- Red (3%)
- Yellow (45%)
- Blue (100%)



- Cyan (97%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (97%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 44.772, 241.608 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, 44.772, 241.608 by changing the saturation by 10% instead.

 75, 44.772,
241.608

 75, 44.772,
241.608

 100, 44.772,
241.608

 65, 44.772,
241.608

 95, 44.772,
241.608

 55, 44.772,
241.608

 45, 44.772,
241.608

 35, 44.772,
241.608

 25, 44.772,
241.608

 15, 44.772,
241.608

 5, 44.772, 241.608

■ 0, 44.772, 241.608

■ 75, 44.772,
241.608

■ 75, 44.772,
241.608

■ 74, 44.876,
242.179

■ 77, 43.028,
236.620

■ 79, 40.973,
233.151

■ 81, 38.128,
230.347

■ 83, 34.428,
228.133

■ 86, 29.886,
226.415

■ 89, 24.569,
225.104

■ 92, 18.575,
224.121

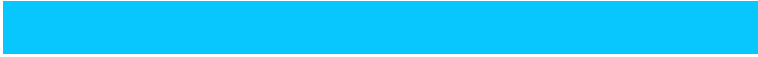
■ 95, 12.013,
223.406

■ 98, 4.991, 222.948

Harmonies

Complementary

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



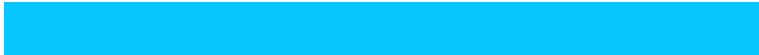
75, 44.772, 241.608



57, 96.518, 43.986

Rectangle

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



75, 44.772, 241.608



75, 44.772, 291.608



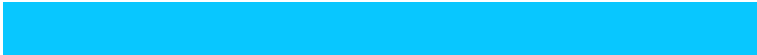
75, 44.772, 61.608



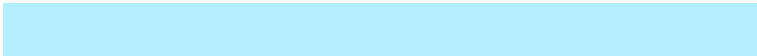
75, 44.772, 111.608

Sweetspot

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



75, 44.462, 240.775



91, 19.945, 224.313



88, 110.918, 139.072



47, 13.472, 224.723



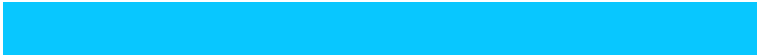
0, 0.000, 0.000



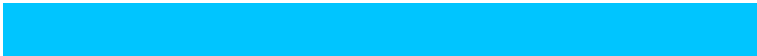
53, 0.007, 296.813

Same Dimension

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



75, 44.462, 240.775



74, 44.876, 242.179



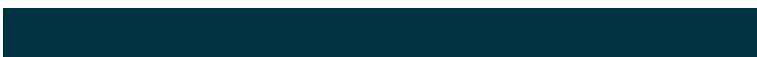
42, 104.021, 298.825



52, 4.145, 223.039



57, 36.023, 241.339



18, 16.276, 235.445

Inverse Universe

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



58, 96.725, 339.651



57, 96.771, 340.081



80, 82.371, 80.542



50, 7.737, 332.041



43, 78.165, 339.827



11, 36.685, 338.123

Previews

White Background



This preview shows how the CIE LCh color 75, 44.772, 241.608 looks on a white background.

Color Contrast Check

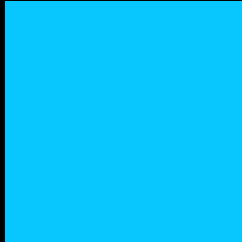
Large Text (above 18pt) WCAG AA × Fail

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, 44.772, 241.608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

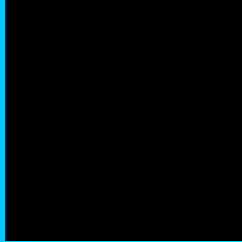
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 44.772, 241.608

Background



This preview shows how black text looks on a background with the CIELCh color 75, 44.772, 241.608.

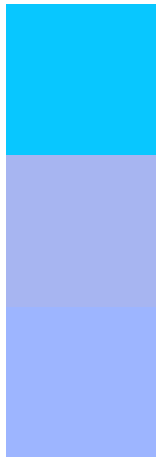


This preview shows how white text looks on a background with the CIELCh color 75, 44.772, 241.608.

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



Original Color

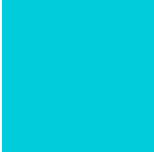
75, 44.490, 240.922

Protanopia

75, 32.601, 285.420

Deuteranopia

74, 40.352, 283.681

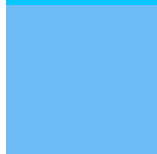


Tritanopia
75, 40.910, 208.210

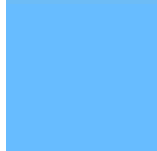
Trichromacy



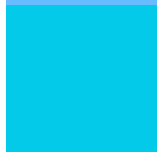
Original Color
75, 44.490, 240.922



Protanomaly
73, 37.003, 257.429



Deuteranomaly
74, 41.290, 260.997

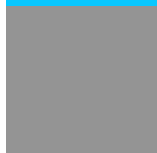


Tritanomaly
75, 40.732, 220.686

Monochromacy



Original Color
75, 44.490, 240.922



Achromatopsia
61, 0.008, 296.813



Achromatomaly
65, 23.857, 225.894

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 44.772, 241.608 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(8, 199, 255)` looks like.

```
.text, #text, p{  
    color:rgb(8, 199, 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(8, 199, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 199, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 44.772, 241.608 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(8, 199, 255) }
```

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

```
.border{ border-color:rgb(8, 199, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 199, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 199, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 199, 255);  
box-shadow:4px 4px 4px 4px rgb(8, 199,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 44.772, 241.608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 199, 255) }
```

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

```
.background{ background-color: rgb(8, 199,  
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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