

Converting Colors

CIELCh(79, 36.508, 241.692)

Have a look what the booklet for
CIELCh(79, 36.508, 241.692)
contains.

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Color

CIELCh(79, 36.658, 241.629)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 65D0FF |
| RGB | 101, 208, 255 |
| RGB Percent | 40%, 82%, 100% |
| CMY | 0.6051, 0.1854, 0.0011 |
| CMYK | 0.60, 0.18, 0.00, 0.00 |
| HSL | 198°, 100%, 70% |
| HSV | 198°, 60%, 100% |
| XYZ | 45.8245, 54.9284, 102.5552 |
| YIQ | 181.3650, -78.8590, -8.0670 |

Conversions

Conversions Part 2

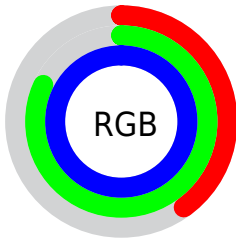
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 101, 164, 255 |
| Decimal | 6672639 |
| CIE Lab | 79.00, -17.42, -32.25 |
| CIE LCh | 79, 36.658, 241.629 |
| Yxy | 54.9284, 0.2254, 0.2702 |
| Android (android.graphics.Color) | 4284862719 (0xFF65D0FF) |
| YUV | 181.3650, 36.3021, -70.4801 |
| Hunter-Lab | 74.1137, -19.3323, -30.1633 |

Details

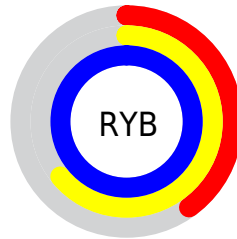
The CIELCh color **79, 36.658, 241.629** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **72, 55.391, 49.315**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 28.614, 197.654**, and **59, 36.568, 241.060** is the 20% darker color. If you saturate the color by 10%, you get **76, 40.712, 244.835**, and if you desaturate by 10%, it is **82, 31.951, 239.040**.

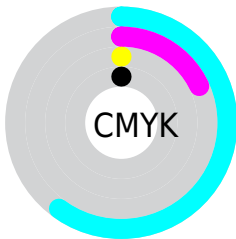
Distribution



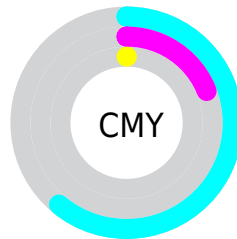
- Red (40%)
- Green (82%)
- Blue (100%)



- Red (40%)
- Yellow (64%)
- Blue (100%)



- Cyan (60%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)





- Cyan (61%)
- Magenta (19%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 36.658, 241.629 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 79, 36.658, 241.629 by changing the saturation by 10% instead.


 79, 36.658,
241.629

 79, 36.658,
241.629


 100, 36.658,
241.629


 69, 36.658,
241.629


 99, 36.658,
241.629

 59, 36.658,
241.629

 49, 36.658,
241.629

 39, 36.658,
241.629

 29, 36.658,
241.629

 19, 36.658,
241.629

 9, 36.658, 241.629

0, 36.658, 241.629

79, 36.658,
241.629

79, 36.658,
241.629

76, 40.712,
244.835

82, 31.951,
239.040

73, 44.167,
248.727

85, 26.612,
236.977

71, 47.157,
253.314

89, 20.699,
235.347

68, 49.814,
258.156

92, 14.294,
234.070

96, 7.482, 233.093

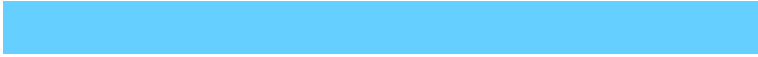
100, 0.348,
233.950

100, 0.132,
109.582

Harmonies

Complementary

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



79, 36.658, 241.629



72, 55.391, 49.315

Rectangle

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



79, 36.658, 241.629



79, 36.658, 291.629



79, 36.658, 61.629



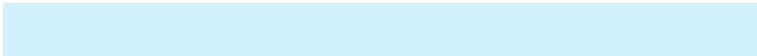
79, 36.658, 111.629

Sweetspot

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



79, 36.657, 241.629



93, 12.657, 233.802



90, 74.745, 147.978



49, 8.732, 234.120



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 36.657, 241.629



75, 41.676, 245.754



58, 69.697, 291.613



51, 4.075, 233.016



52, 39.808, 257.189



16, 17.348, 250.122

Inverse Universe

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



66, 74.253, 339.557



61, 84.433, 341.067



90, 62.857, 93.048



50, 7.314, 335.117



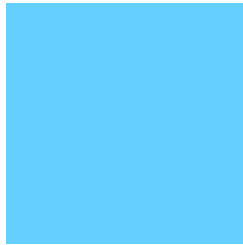
42, 74.078, 345.314



11, 34.909, 342.662

Previews

White Background



This preview shows how the CIE LCh color 79, 36.658, 241.629 looks on a white background.

Color Contrast Check

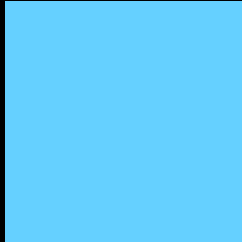
Large Text (above 18pt) WCAG AA × Fail

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 79, 36.658, 241.629 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

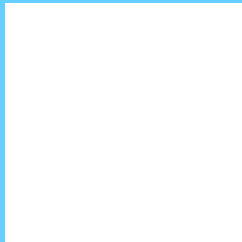
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 36.658, 241.629

Background



This preview shows how black text looks on a background with the CIELCh color 79, 36.658, 241.629.

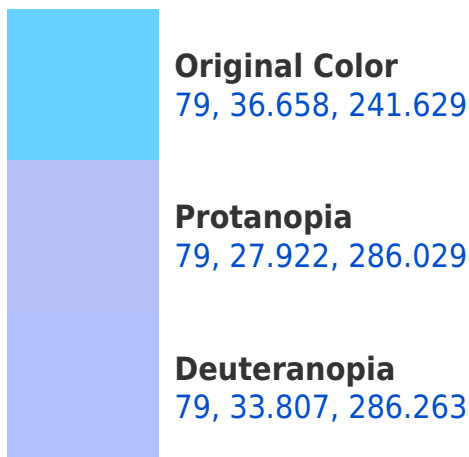



This preview shows how white text looks on a background with the CIELCh color 79, 36.658, 241.629.

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
79, 34.526, 212.616

Trichromacy



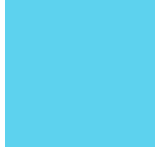
Original Color
79, 36.658, 241.629



Protanomaly
78, 29.588, 264.369



Deuteranomaly
79, 32.908, 267.709



Tritanomaly
79, 34.293, 223.607

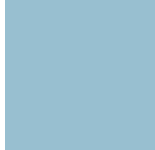
Monochromacy



Original Color
79, 36.658, 241.629



Achromatopsia
74, 0.009, 296.813



Achromatomaly
75, 15.688, 234.613

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 36.658, 241.629 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(101, 208, 255)` looks like.

```
.text, #text, p{  
    color:rgb(101, 208, 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(101, 208, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 208, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 36.658, 241.629 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(101, 208, 255) }
```

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

```
.border{ border-color:rgb(101, 208, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 208, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 208, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 208, 255);  
box-shadow:4px 4px 4px 4px rgb(101, 208,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 36.658, 241.629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 208, 255) }
```

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

```
.background{ background-color: rgb(101,  
208, 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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