

Converting Colors

CIELCh(79, 36.559, 240.004)

Have a look what the booklet for
CIELCh(79, 36.559, 240.004)
contains.

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Color

CIELCh(79, 36.648, 240.464)

Conversions

Conversions Part 1

Format	Color
Hex	63D0FE
RGB	99, 208, 254
RGB Percent	39%, 82%, 100%
CMY	0.6117, 0.1842, 0.0039
CMYK	0.61, 0.18, 0.00, 0.00
HSL	198°, 99%, 69%
HSV	198°, 61%, 100%
XYZ	45.5980, 54.9284, 101.9764
YIQ	180.6530, -79.7300, -8.8020

Conversions

Conversions Part 2

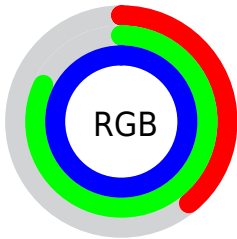
Format	Color
R _Y B	99, 163, 254
Decimal	6541566
CIE Lab	79.00, -18.07, -31.89
CIE LCh	79, 36.648, 240.464
Yxy	54.9284, 0.2252, 0.2712
Android (android.graphics.Color)	4284731646 (0xFF63D0FE)
YUV	180.6530, 36.1601, -71.6097
Hunter-Lab	74.1137, -19.8780, -29.7003

Details

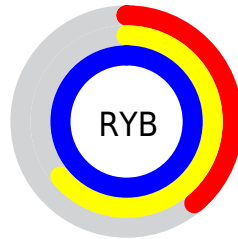
The CIELCh color **79, 36.648, 240.464** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **71, 56.053, 48.580**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 28.874, 197.638**, and **59, 36.536, 239.849** is the 20% darker color. If you saturate the color by 10%, you get **76, 40.569, 243.639**, and if you desaturate by 10%, it is **82, 32.053, 237.906**.

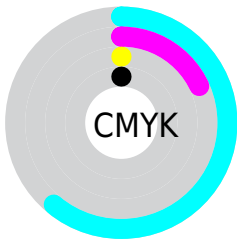
Distribution



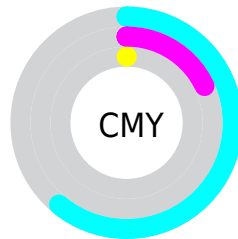
- Red (39%)
- Green (82%)
- Blue (100%)



- Red (39%)
- Yellow (64%)
- Blue (100%)



- Cyan (61%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)




- Cyan (61%)
- Magenta (18%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 36.648, 240.464 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, 36.648, 240.464 by changing the saturation by 10% instead.

 79, 36.648,
240.464

 79, 36.648,
240.464


 100, 36.648,
240.464

 69, 36.648,
240.464

 99, 36.648,
240.464

 59, 36.648,
240.464

 49, 36.648,
240.464

 39, 36.648,
240.464

 29, 36.648,
240.464

 19, 36.648,
240.464

 9, 36.648, 240.464

0, 36.648, 240.464

79, 36.648,
240.464

79, 36.648,
240.464

76, 40.569,
243.639

82, 32.053,
237.906

73, 43.869,
247.502

85, 26.806,
235.874

71, 46.686,
252.065

89, 20.967,
234.274

69, 49.027,
256.600

92, 14.618,
233.025

96, 7.848, 232.073

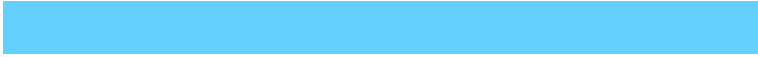
99, 0.743, 232.041

100, 0.488,

Harmonies

Complementary

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



79, 36.648, 240.464



71, 56.053, 48.580

Rectangle

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



79, 36.648, 240.464



79, 36.648, 290.464



79, 36.648, 60.464



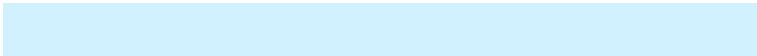
79, 36.648, 110.464

Sweetspot

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



79, 36.647, 240.464



93, 12.655, 232.708



90, 76.150, 147.287



49, 8.729, 233.014



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 36.647, 240.464



76, 41.396, 244.354



58, 68.682, 290.883



51, 4.076, 231.956



53, 39.286, 255.647



17, 17.187, 248.651

Inverse Universe

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



65, 74.996, 339.201



61, 84.870, 340.610



89, 62.459, 91.818



50, 7.357, 334.777



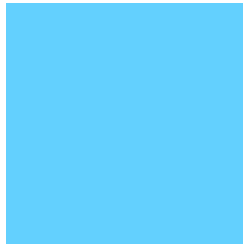
43, 74.469, 344.700



11, 35.083, 342.157

Previews

White Background



This preview shows how the CIELCh color 79, 36.648, 240.464 looks on a white background.

Color Contrast Check

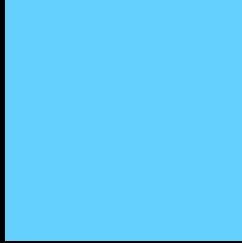
Large Text (above 18pt) WCAG AA × Fail

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, 36.648, 240.464 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

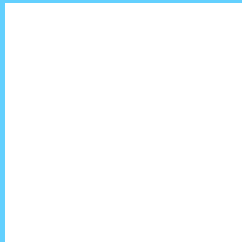
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 36.648, 240.464

Background



This preview shows how black text looks on a background with the CIELCh color 79, 36.648, 240.464.

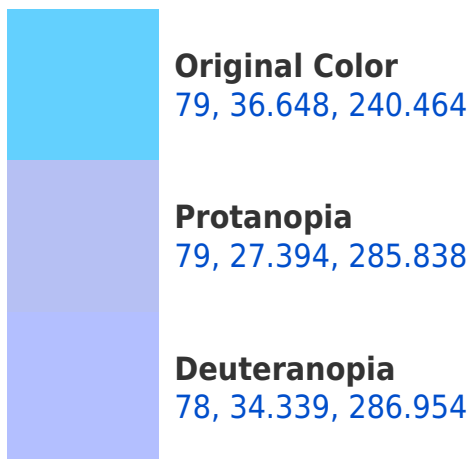


This preview shows how white text looks on a background with the CIELCh color 79, 36.648, 240.464.

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, 34.691, 212.531

Trichromacy



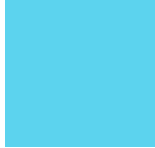
Original Color
79, 36.648, 240.464



Protanomaly
78, 29.138, 263.767



Deuteranomaly
78, 33.398, 268.236

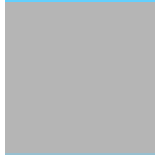


Tritanomaly
79, 34.517, 222.379

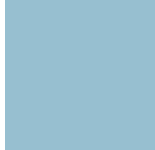
Monochromacy



Original Color
79, 36.648, 240.464



Achromatopsia
74, 0.009, 296.813



Achromatomaly
75, 15.939, 233.946

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 36.648, 240.464 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(99, 208, 254)` looks like.

```
.text, #text, p{  
    color:rgb(99, 208, 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(99, 208, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 208, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 36.648, 240.464 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(99, 208, 254) }
```

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

```
.border{ border-color:rgb(99, 208, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 208, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 208, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 208, 254);  
box-shadow:4px 4px 4px 4px rgb(99, 208,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 36.648, 240.464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 208, 254) }
```

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

```
.background{ background-color: rgb(99, 208,  
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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