

Converting Colors

CIELCh(79, 35.361, 249.079)

Have a look what the booklet for
CIELCh(79, 35.361, 249.079)
contains.

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Color

CIELCh(79, 35.025, 248.513)

Conversions

Conversions Part 1

Format	Color
Hex	75CDFF
RGB	117, 205, 255
RGB Percent	46%, 80%, 100%
CMY	0.5393, 0.1944, 0.0000
CMYK	0.54, 0.19, 0.00, 0.00
HSL	202°, 100%, 73%
HSV	202°, 54%, 100%
XYZ	47.4528, 54.9284, 103.0831
YIQ	184.3880, -68.4980, -3.1060

Conversions

Conversions Part 2

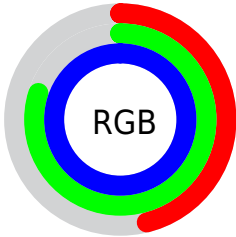
Format	Color
RYB	117, 171, 255
Decimal	7720447
CIELab	79.00, -12.83, -32.59
CIElCh	79, 35.025, 248.513
Yxy	54.9284, 0.2310, 0.2673
Android (android.graphics.Color)	4285910527 (0xFF75CDFF)
YUV	184.3880, 34.8117, -59.0993
Hunter-Lab	74.1137, -15.4106, -30.5856

Details

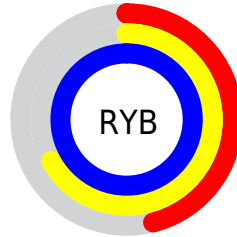
The CIELCh color **79, 35.025, 248.513** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **76, 47.550, 54.756**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 24.830, 197.886**, and **59, 34.950, 248.255** is the 20% darker color. If you saturate the color by 10%, you get **76, 39.945, 251.314**, and if you desaturate by 10%, it is **83, 29.304, 245.635**.

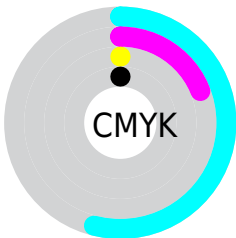
Distribution



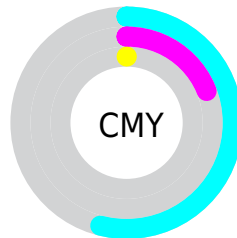
- Red (46%)
- Green (80%)
- Blue (100%)



- Red (46%)
- Yellow (67%)
- Blue (100%)



- Cyan (54%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)





- Cyan (54%)
- Magenta (19%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 35.025, 248.513 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, 35.025, 248.513 by changing the saturation by 10% instead.


 79, 35.025,
248.513


 79, 35.025,
248.513


 100, 35.025,
248.513


 69, 35.025,
248.513


 99, 35.025,
248.513

 59, 35.025,
248.513

 49, 35.025,
248.513

 39, 35.025,
248.513

 29, 35.025,
248.513

 19, 35.025,
248.513

 9, 35.025, 248.513

■ 0, 35.025, 248.513

■ 79, 35.025,
248.513

■ 79, 35.025,
248.513

■ 76, 39.945,
251.314

■ 83, 29.304,
245.635

■ 72, 44.543,
255.077

■ 86, 23.258,
243.568

■ 69, 48.765,
259.492

■ 90, 16.791,
241.904

■ 66, 52.786,
264.478

■ 94, 9.970, 240.576

■ 65, 55.252,
267.622

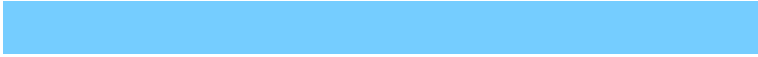
■ 98, 2.864, 239.623

■ 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.



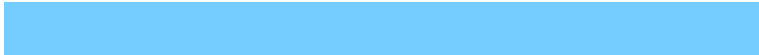
79, 35.025, 248.513



76, 47.550, 54.756

Rectangle

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



79, 35.025, 248.513



79, 35.025, 298.513



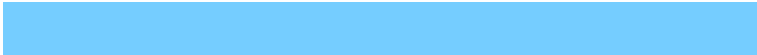
79, 35.025, 68.513



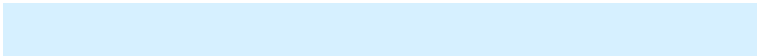
79, 35.025, 118.513

Sweetspot

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



79, 34.875, 248.189



93, 11.405, 240.825



91, 64.965, 150.887



49, 7.670, 241.086



0, 0.000, 0.000



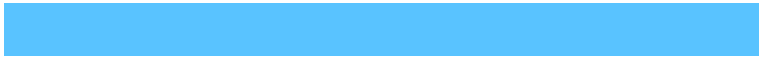
53, 0.007, 296.813

Same Dimension

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



79, 34.875, 248.189



75, 40.457, 251.685



61, 65.581, 292.391



51, 4.100, 240.089



49, 43.966, 266.648



15, 18.686, 259.378

Inverse Universe

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



68, 65.381, 341.657



64, 75.803, 343.078



92, 58.929, 97.083



50, 7.031, 337.498



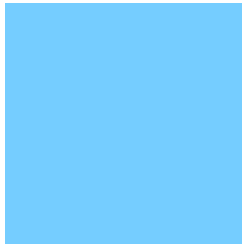
42, 71.727, 349.650



11, 33.826, 346.224

Previews

White Background



This preview shows how the CIE LCh color 79, 35.025, 248.513 looks on a white background.

Color Contrast Check

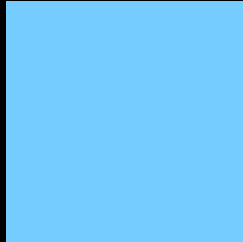
Large Text (above 18pt) WCAG AA × Fail

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, 35.025, 248.513 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

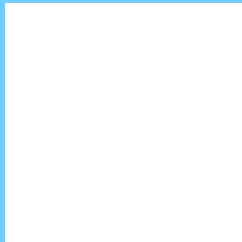
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 35.025, 248.513

Background



This preview shows how black text looks on a background with the CIELCh color 79, 35.025, 248.513.



This preview shows how white text looks on a background with the CIELCh color 79, 35.025, 248.513.

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](#).

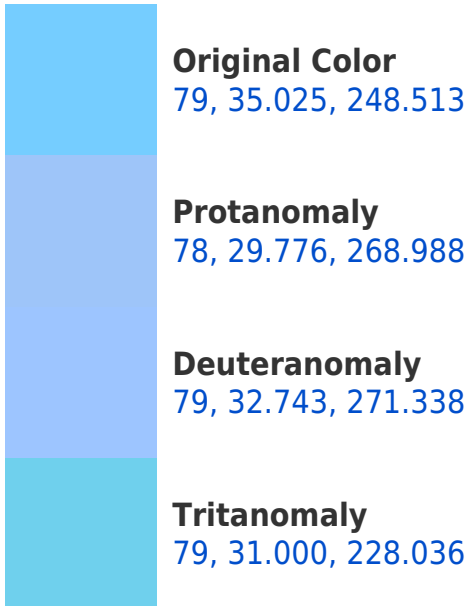
Dichromacy



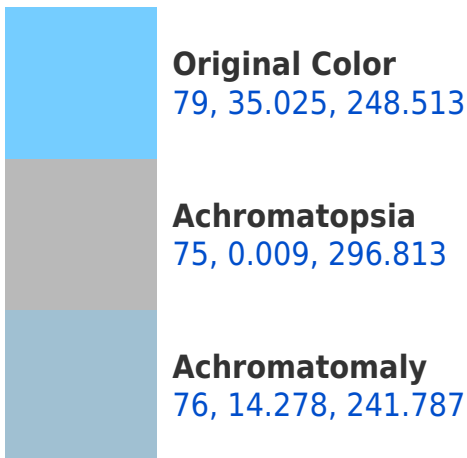


Tritanopia
79, 30.815, 214.769

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 35.025, 248.513 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(117, 205, 255)` looks like.

```
.text, #text, p{  
    color:rgb(117, 205, 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(117, 205, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 205, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 35.025, 248.513 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(117, 205, 255) }
```

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

```
.border{ border-color:rgb(117, 205, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 205, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 205, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 205, 255);  
box-shadow:4px 4px 4px 4px rgb(117, 205,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 35.025, 248.513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 205, 255) }
```

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

```
.background{ background-color: rgb(117,  
205, 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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