

Converting Colors

CIELCh(79, 36.969, 243.676)

Have a look what the booklet for
CIELCh(79, 36.969, 243.676)
contains.

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Color

CIELCh(79, 36.669, 242.861)

Conversions

Conversions Part 1

Format	Color
Hex	66CFFF
RGB	102, 207, 255
RGB Percent	40%, 81%, 100%
CMY	0.5981, 0.1866, 0.0000
CMYK	0.60, 0.19, 0.00, 0.00
HSL	199°, 100%, 70%
HSV	199°, 60%, 100%
XYZ	46.0678, 54.9284, 103.1478
YIQ	181.0770, -77.9880, -7.3320

Conversions

Conversions Part 2

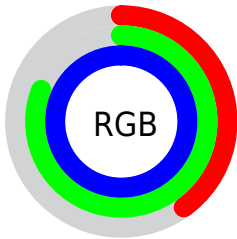
Format	Color
RYB	102, 164, 255
Decimal	6737919
CIELab	79.00, -16.73, -32.63
CIELCh	79, 36.669, 242.861
Yxy	54.9284, 0.2257, 0.2691
Android (android.graphics.Color)	4284927999 (0xFF66CFFF)
YUV	181.0770, 36.4440, -69.3505
Hunter-Lab	74.1137, -18.7464, -30.6373

Details

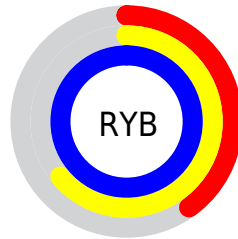
The CIELCh color **79, 36.669, 242.861** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **72, 54.565, 49.946**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 28.352, 197.670**, and **59, 36.574, 242.397** is the 20% darker color. If you saturate the color by 10%, you get **76, 40.722, 245.747**, and if you desaturate by 10%, it is **82, 31.734, 239.932**.

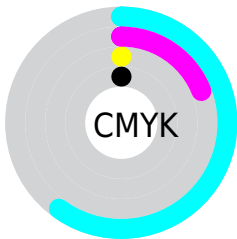
Distribution



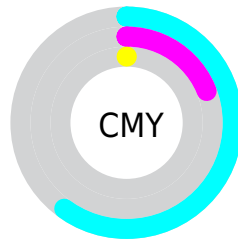
- Red (40%)
- Green (81%)
- Blue (100%)



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



- Cyan (60%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)





- Cyan (60%)
- Magenta (19%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 36.669, 242.861 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, 36.669, 242.861 by changing the saturation by 10% instead.


 79, 36.669,
242.861


 79, 36.669,
242.861


 100, 36.669,
242.861


 69, 36.669,
242.861


 99, 36.669,
242.861

 59, 36.669,
242.861

 49, 36.669,
242.861

 39, 36.669,
242.861

 29, 36.669,
242.861

 19, 36.669,
242.861

 9, 36.669, 242.861

■ 0, 36.669, 242.861

■ 79, 36.669,
242.861

■ 79, 36.669,
242.861

■ 76, 40.722,
245.747

■ 82, 31.734,
239.932

■ 73, 44.315,
249.645

■ 85, 26.309,
237.855

■ 71, 47.456,
254.232

■ 89, 20.329,
236.210

■ 68, 50.396,
259.332

■ 93, 13.873,
234.918

■ 68, 50.454,
259.429

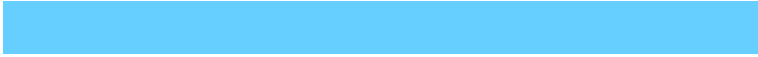
■ 96, 7.024, 233.928

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, 36.669, 242.861



72, 54.565, 49.946

Rectangle

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



79, 36.669, 242.861



79, 36.669, 292.861



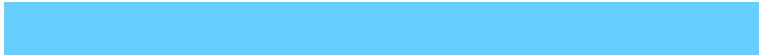
79, 36.669, 62.861



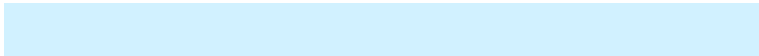
79, 36.669, 112.861

Sweetspot

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



79, 36.544, 242.532



93, 12.661, 234.717



90, 74.102, 148.079



49, 8.736, 235.045



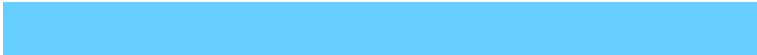
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 36.544, 242.532



75, 41.556, 246.542



59, 68.915, 291.432



51, 4.074, 233.903



52, 40.267, 258.455



16, 17.490, 251.337

Inverse Universe

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



66, 73.362, 339.834



62, 83.413, 341.320



90, 62.288, 93.132



50, 7.278, 335.404



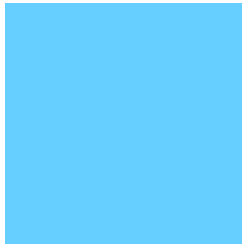
42, 73.759, 345.835



11, 34.765, 343.091

Previews

White Background



This preview shows how the CIELCh color 79, 36.669, 242.861 looks on a white background.

Color Contrast Check

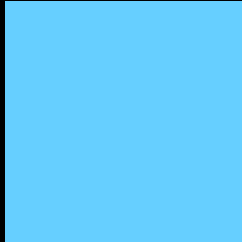
Large Text (above 18pt) WCAG AA × Fail

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, 36.669, 242.861 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

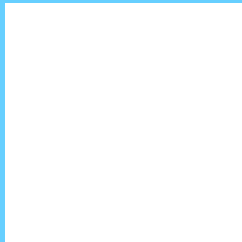
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 36.669, 242.861

Background



This preview shows how black text looks on a background with the CIELCh color 79, 36.669, 242.861.

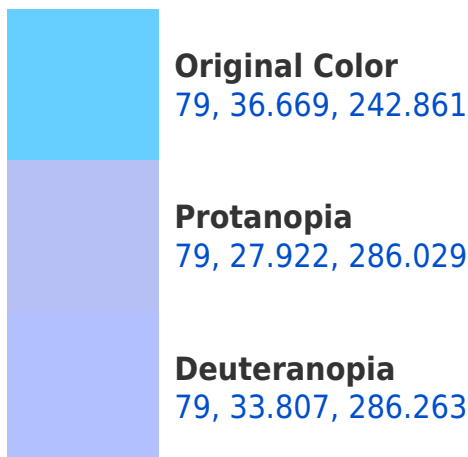


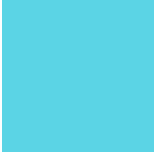
This preview shows how white text looks on a background with the CIELCh color 79, 36.669, 242.861.

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](#).

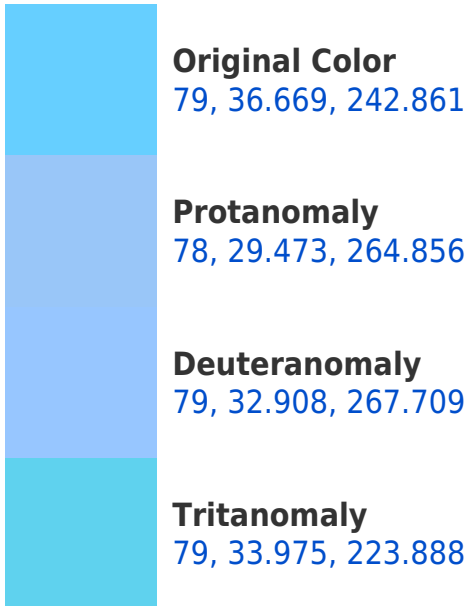
Dichromacy



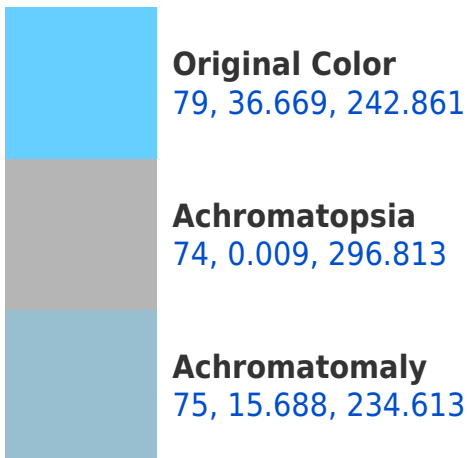


Tritanopia
79, 34.190, 212.792

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 36.669, 242.861 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(102, 207, 255)` looks like.

```
.text, #text, p{  
    color:rgb(102, 207, 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(102, 207, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 207, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 36.669, 242.861 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(102, 207, 255) }
```

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

```
.border{ border-color:rgb(102, 207, 255) }
```

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

Here you see how a box with a 4 pixel rgb(102, 207, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 207, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 207, 255);  
box-shadow:4px 4px 4px 4px rgb(102, 207,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 36.669, 242.861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 207, 255) }
```

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

```
.background{ background-color: rgb(102,  
207, 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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