

Converting Colors

CIELCh(79, 40.965, 252.009)

Have a look what the booklet for
CIELCh(79, 40.965, 252.009)
contains.

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Color

CIELCh(79, 36.950, 243.676)

Conversions

Conversions Part 1

Format	Color
Hex	67CFFF
RGB	103, 207, 255
RGB Percent	40%, 81%, 100%
CMY	0.5980, 0.1871, 0.0000
CMYK	0.60, 0.19, 0.00, 0.00
HSL	199°, 100%, 70%
HSV	199°, 60%, 100%
XYZ	46.1880, 54.9284, 103.9161
YIQ	181.3760, -77.3920, -7.1200

Conversions

Conversions Part 2

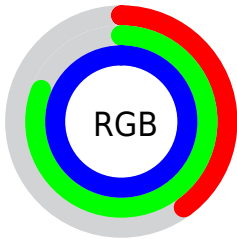
Format	Color
RYB	103, 165, 255
Decimal	6803455
CIELab	79.00, -16.39, -33.12
CIELCh	79, 36.950, 243.676
Yxy	54.9284, 0.2253, 0.2679
Android (android.graphics.Color)	4284993535 (0xFF67CFFF)
YUV	181.3760, 36.2966, -68.7358
Hunter-Lab	74.1137, -18.4570, -31.2520

Details

The CIELCh color **79, 36.950, 243.676** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **72, 54.538, 50.024**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 28.089, 197.686**, and **59, 36.465, 242.573** is the 20% darker color. If you saturate the color by 10%, you get **76, 40.747, 245.886**, and if you desaturate by 10%, it is **82, 31.741, 240.060**.

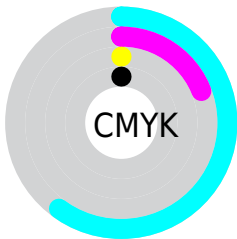
Distribution



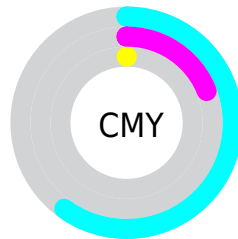
- Red (40%)
- Green (81%)
- Blue (100%)



- Red (40%)
- Yellow (65%)
- 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, 36.950, 243.676 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, 36.950, 243.676 by changing the saturation by 10% instead.


 79, 36.950,
243.676

 79, 36.950,
243.676


 100, 36.950,
243.676


 69, 36.950,
243.676


 99, 36.950,
243.676

 59, 36.950,
243.676

 49, 36.950,
243.676

 39, 36.950,
243.676

 29, 36.950,
243.676

 19, 36.950,
243.676

 9, 36.950, 243.676

■ 0, 36.950, 243.676

■ 79, 36.950,
243.676

■ 79, 36.950,
243.676

■ 76, 40.747,
245.886

■ 82, 31.741,
240.060

■ 73, 44.353,
249.789

■ 85, 26.311,
237.978

■ 70, 47.511,
254.381

■ 89, 20.327,
236.328

■ 68, 50.469,
259.484

■ 93, 13.868,
235.032

■ 68, 50.531,
259.586

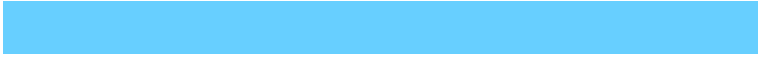
■ 96, 7.018, 234.038

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, 36.950, 243.676



72, 54.538, 50.024

Rectangle

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



79, 36.950, 243.676



79, 36.950, 293.676



79, 36.950, 63.676



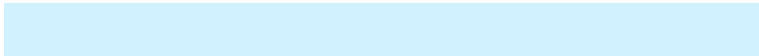
79, 36.950, 113.676

Sweetspot

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



79, 36.559, 242.665



93, 12.662, 234.831



90, 74.092, 148.080



49, 8.737, 235.160



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, 36.559, 242.665



75, 41.588, 246.685



59, 68.903, 291.430



51, 4.075, 234.014



52, 40.325, 258.611



16, 17.508, 251.487

Inverse Universe

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



66, 73.314, 339.877



62, 83.368, 341.368



90, 62.279, 93.133



50, 7.273, 335.440



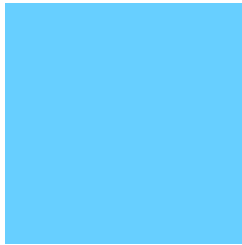
42, 73.719, 345.900



11, 34.747, 343.145

Previews

White Background



This preview shows how the CIELCh color 79, 36.950, 243.676 looks on a white background.

Color Contrast Check

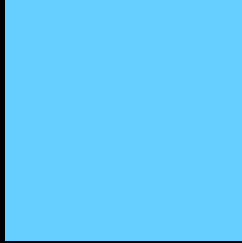
Large Text (above 18pt) WCAG AA × Fail

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, 36.950, 243.676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

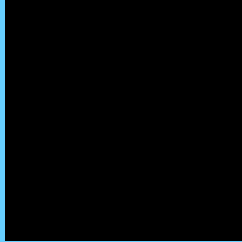
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

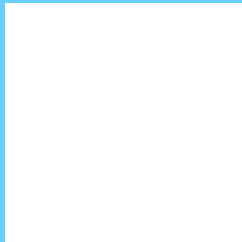
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 36.950, 243.676

Background



This preview shows how black text looks on a background with the CIELCh color 79, 36.950, 243.676.



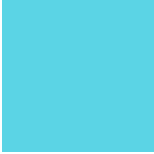
This preview shows how white text looks on a background with the CIELCh color 79, 36.950, 243.676.

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



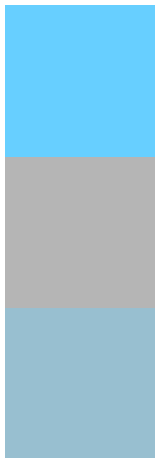
Original Color
79, 36.539, 243.071

Protanomaly
78, 29.473, 264.856

Deuteranomaly
78, 33.301, 268.666

Tritanomaly
79, 33.975, 223.888

Monochromacy



Original Color
79, 36.539, 243.071

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, 36.950, 243.676 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(103, 207, 255)` looks like.

```
.text, #text, p{  
    color:rgb(103, 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(103, 207, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 207, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 36.950, 243.676 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(103, 207, 255) }
```

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

```
.border{ border-color:rgb(103, 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(103, 207, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 207, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 207, 255);  
box-shadow:4px 4px 4px 4px rgb(103, 207,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 36.950, 243.676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 207, 255) }
```

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

```
.background{ background-color: rgb(103,  
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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