

Converting Colors

CIELCh(79, 36.251, 246.883)

Have a look what the booklet for
CIELCh(79, 36.251, 246.883)
contains.

CIELCh(79, 35.776, 245.683)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(79, 35.776, 245.683)

Conversions

Conversions Part 1

Format	Color
Hex	6ECEFF
RGB	110, 206, 255
RGB Percent	43%, 81%, 100%
CMY	0.5668, 0.1906, 0.0000
CMYK	0.57, 0.19, 0.00, 0.00
HSL	200°, 100%, 72%
HSV	200°, 57%, 100%
XYZ	46.7732, 54.9284, 103.1008
YIQ	182.8820, -72.9450, -5.1130

Conversions

Conversions Part 2

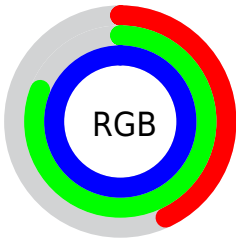
Format	Color
R _Y B	110, 168, 255
Decimal	7261951
CIE Lab	79.00, -14.73, -32.60
CIE LCh	79, 35.776, 245.683
Yxy	54.9284, 0.2284, 0.2682
Android (android.graphics.Color)	4285452031 (0xFF6ECEFF)
YUV	182.8820, 35.5542, -63.9175
Hunter-Lab	74.1137, -17.0474, -30.5997

Details

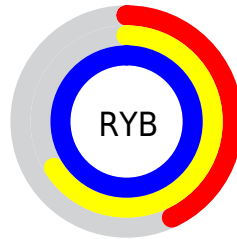
The CIELCh color **79, 35.776, 245.683** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **74, 50.751, 52.279**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 26.483, 197.785**, and **59, 35.709, 245.284** is the 20% darker color. If you saturate the color by 10%, you get **76, 40.282, 248.539**, and if you desaturate by 10%, it is **82, 30.438, 242.790**.

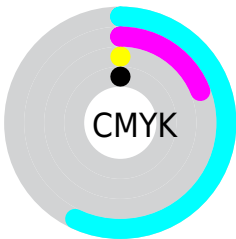
Distribution



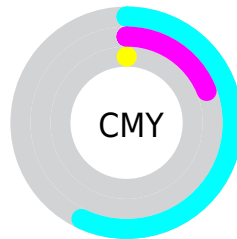
- Red (43%)
- Green (81%)
- Blue (100%)



- Red (43%)
- Yellow (66%)
- Blue (100%)



- Cyan (57%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)





- Cyan (57%)
- Magenta (19%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 35.776, 245.683 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, 35.776, 245.683 by changing the saturation by 10% instead.


 79, 35.776,
245.683

 79, 35.776,
245.683


 100, 35.776,
245.683


 69, 35.776,
245.683


 99, 35.776,
245.683

 59, 35.776,
245.683

 49, 35.776,
245.683

 39, 35.776,
245.683

 29, 35.776,
245.683

 19, 35.776,
245.683

 9, 35.776, 245.683

0, 35.776, 245.683

79, 35.776,
245.683

79, 35.776,
245.683

76, 40.282,
248.539

82, 30.438,
242.790

73, 44.390,
252.372

86, 24.689,
240.718

70, 48.080,
256.879

90, 18.453,
239.063

67, 51.547,
261.963

93, 11.806,
237.752

66, 52.720,
263.672

97, 4.823, 236.760

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, 35.776, 245.683



74, 50.751, 52.279

Rectangle

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



79, 35.776, 245.683



79, 35.776, 295.683



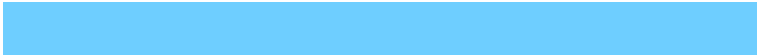
79, 35.776, 65.683



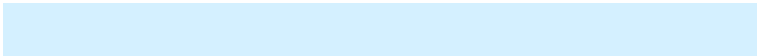
79, 35.776, 115.683

Sweetspot

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



79, 35.643, 245.368



93, 12.022, 237.789



90, 68.837, 149.821



49, 8.006, 238.029



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, 35.643, 245.368



75, 40.852, 249.005



60, 67.832, 292.280



51, 4.081, 237.001



51, 42.010, 262.692



16, 18.045, 255.457

Inverse Universe

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



67, 69.206, 340.716



63, 79.326, 342.129



91, 60.865, 95.719



50, 7.153, 336.431



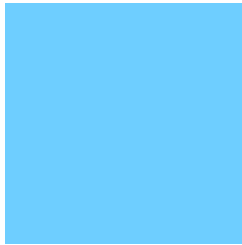
42, 72.698, 347.702



11, 34.281, 344.626

Previews

White Background



This preview shows how the CIELCh color 79, 35.776, 245.683 looks on a white background.

Color Contrast Check

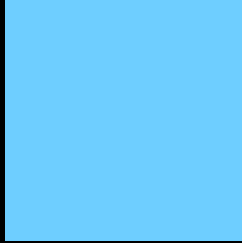
Large Text (above 18pt) WCAG AA × Fail

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, 35.776, 245.683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

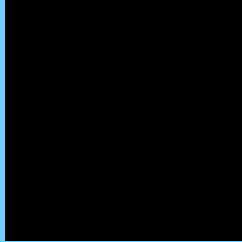
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

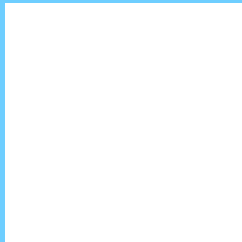
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 35.776, 245.683

Background



This preview shows how black text looks on a background with the CIELCh color 79, 35.776, 245.683.

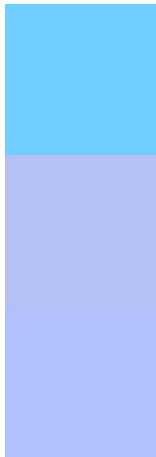


This preview shows how white text looks on a background with the CIELCh color 79, 35.776, 245.683.

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



Original Color
79, 35.776, 245.683

Protanopia
79, 28.479, 285.582

Deuteranopia
79, 33.807, 286.263



Tritanopia
79, 32.381, 213.803

Trichromacy



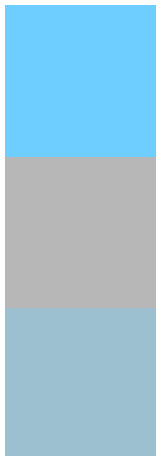
Original Color
79, 35.776, 245.683

Protanomaly
78, 30.085, 267.484

Deuteranomaly
78, 33.016, 269.981

Tritanomaly
79, 32.430, 226.466

Monochromacy



Original Color
79, 35.776, 245.683

Achromatopsia
74, 0.009, 296.813

Achromatomaly
76, 14.685, 237.516

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 35.776, 245.683 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(110, 206, 255)` looks like.

```
.text, #text, p{  
    color:rgb(110, 206, 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(110, 206, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 206, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 35.776, 245.683 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(110, 206, 255) }
```

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

```
.border{ border-color:rgb(110, 206, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 206, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 206, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 206, 255);  
box-shadow:4px 4px 4px 4px rgb(110, 206,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 35.776, 245.683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 206, 255) }
```

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

```
.background{ background-color: rgb(110,  
206, 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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