

Converting Colors

CIELCh(79, 39.423, 232.803)

Have a look what the booklet for
CIELCh(79, 39.423, 232.803)
contains.

CIELCh(79, 39.380, 232.621)	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, 39.380, 232.621)

Conversions

Conversions Part 1

Format	Color
Hex	48D3FD
RGB	72, 211, 253
RGB Percent	28%, 83%, 99%
CMY	0.7188, 0.1734, 0.0087
CMYK	0.72, 0.17, 0.00, 0.01
HSL	194°, 98%, 64%
HSV	194°, 72%, 99%
XYZ	43.5871, 54.9284, 101.0527
YIQ	174.2270, -96.3260, -16.4060

Conversions

Conversions Part 2

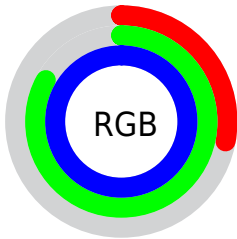
Format	Color
RYB	72, 151, 253
Decimal	4772861
CIELab	79.00, -23.91, -31.29
CIElCh	79, 39.380, 232.621
Yxy	54.9284, 0.2184, 0.2752
Android (android.graphics.Color)	4282962941 (0xFF48D3FD)
YUV	174.2270, 38.8351, -89.6531
Hunter-Lab	74.1137, -24.7212, -28.9613

Details

The CIELCh color **79, 39.380, 232.621** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **64, 69.937, 43.754**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 33.784, 197.342**, and **60, 36.135, 236.636** is the 20% darker color. If you saturate the color by 10%, you get **77, 41.866, 235.813**, and if you desaturate by 10%, it is **81, 36.079, 230.067**.

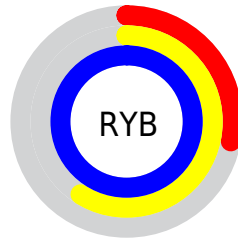
Distribution



Red (28%)

Green (83%)

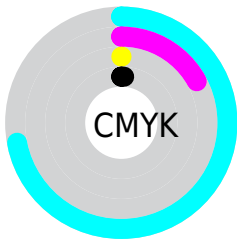
Blue (99%)



Red (28%)

Yellow (59%)

Blue (99%)

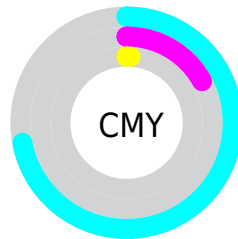


Cyan (72%)

Magenta (17%)

Yellow (0%)

Black (1%)



Cyan (72%)


Magenta (17%)


Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 39.380, 232.621 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, 39.380, 232.621 by changing the saturation by 10% instead.


 79, 39.380,
232.621

 79, 39.380,
232.621


 100, 39.380,
232.621


 69, 39.380,
232.621


 99, 39.380,
232.621

 59, 39.380,
232.621

 49, 39.380,
232.621

 39, 39.380,
232.621

 29, 39.380,
232.621

 19, 39.380,
232.621

 9, 39.380, 232.621

0, 39.380, 232.621

79, 39.380,
232.621

79, 39.380,
232.621

77, 41.866,
235.813

81, 36.079,
230.067

75, 43.654,
239.699

84, 31.941,
228.064

73, 44.816,
243.397

87, 27.009,
226.519

89, 21.365,
225.345

92, 15.112,
224.470

95, 8.358, 223.848

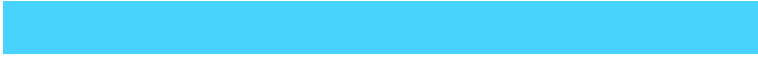
99, 1.203, 223.826

100, 1.112,
110.025

Harmonies

Complementary

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



79, 39.380, 232.621



64, 69.937, 43.754

Rectangle

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



79, 39.380, 232.621



79, 39.380, 282.621



79, 39.380, 52.621



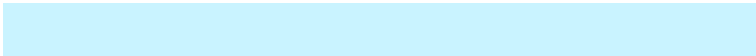
79, 39.380, 102.621

Sweetspot

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



79, 39.379, 232.621



93, 14.802, 224.424



88, 90.936, 143.353



49, 9.933, 224.635



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, 39.379, 232.621



77, 43.013, 237.439



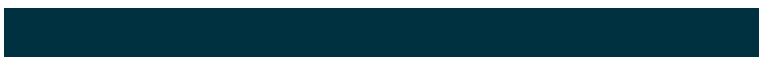
55, 74.330, 290.311



52, 4.136, 223.750



57, 36.204, 242.565



18, 16.319, 236.549

Inverse Universe

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



62, 86.935, 337.097



59, 94.845, 338.627



84, 68.667, 85.254



50, 7.706, 332.253



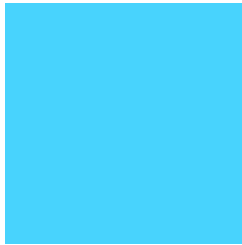
43, 77.842, 340.199



11, 36.547, 338.432

Previews

White Background



This preview shows how the CIELCh color 79, 39.380, 232.621 looks on a white background.

Color Contrast Check

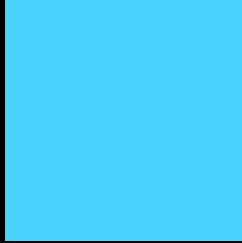
Large Text (above 18pt) WCAG AA × Fail

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, 39.380, 232.621 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, 39.380, 232.621

Background



This preview shows how black text looks on a background with the CIELCh color 79, 39.380, 232.621.

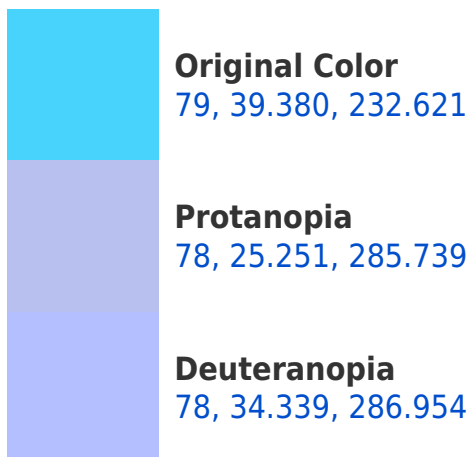


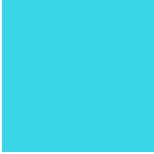
This preview shows how white text looks on a background with the CIELCh color 79, 39.380, 232.621.

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, 39.206, 211.273

Trichromacy



Original Color
79, 39.380, 232.621



Protanomaly
78, 28.721, 256.317



Deuteranomaly
78, 33.636, 262.663

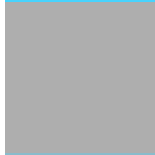


Tritanomaly
79, 38.800, 219.187

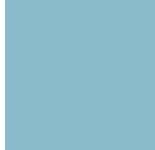
Monochromacy



Original Color
79, 39.380, 232.621



Achromatopsia
71, 0.009, 296.813



Achromatomaly
73, 18.302, 226.845

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 39.380, 232.621 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(72, 211, 253)` looks like.

```
.text, #text, p{  
    color:rgb(72, 211, 253)  
}
```

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(72, 211, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 211, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 39.380, 232.621 is called "border". The border property can be set on classes, ids or directly on the HTML element.

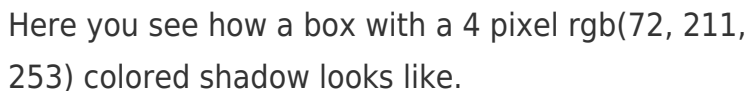
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(72, 211, 253) }
```

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

```
.border{ border-color:rgb(72, 211, 253) }
```

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



Here you see how a box with a 4 pixel `rgb(72, 211, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(72, 211, 253); -webkit-box-shadow:4px 4px 4px 4px rgb(72, 211, 253); box-shadow:4px 4px 4px 4px rgb(72, 211, 253) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 39.380, 232.621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 211, 253) }
```

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

```
.background{ background-color: rgb(72, 211,  
253) }
```

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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