

Converting Colors

CIELCh(79, 39.089, 233.458)

Have a look what the booklet for
CIELCh(79, 39.089, 233.458)
contains.

CIELCh(79, 39.062, 232.966)	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, 39.062, 232.966)

Conversions

Conversions Part 1

Format	Color
Hex	4AD3FD
RGB	74, 211, 253
RGB Percent	29%, 83%, 99%
CMY	0.7081, 0.1741, 0.0095
CMYK	0.71, 0.17, 0.00, 0.01
HSL	194°, 97%, 64%
HSV	194°, 71%, 99%
XYZ	43.7162, 54.9284, 100.8811
YIQ	174.8250, -95.1340, -15.9820

Conversions

Conversions Part 2

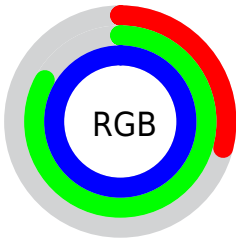
Format	Color
R _{YB}	74, 152, 253
Decimal	4903933
CIE Lab	79.00, -23.53, -31.18
CIE LCh	79, 39.062, 232.966
Yxy	54.9284, 0.2191, 0.2753
Android (android.graphics.Color)	4283094013 (0xFF4AD3FD)
YUV	174.8250, 38.5403, -88.4235
Hunter-Lab	74.1137, -24.4102, -28.8240

Details

The CIELCh color **79, 39.062, 232.966** 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 **65, 68.460, 43.951**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 33.553, 197.356**, and **60, 36.135, 236.636** is the 20% darker color. If you saturate the color by 10%, you get **77, 41.667, 236.133**, and if you desaturate by 10%, it is **81, 35.645, 230.434**.

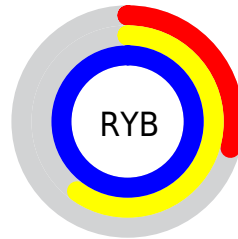
Distribution



Red (29%)

Green (83%)

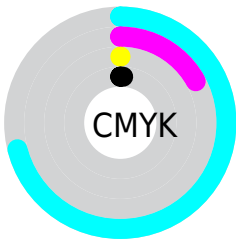
Blue (99%)



Red (29%)

Yellow (60%)

Blue (99%)

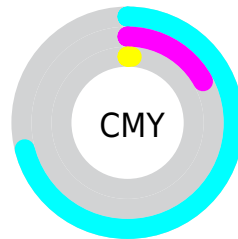


Cyan (71%)

Magenta (17%)

Yellow (0%)

Black (1%)



Cyan (71%)


Magenta (17%)


Yellow (1%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 39.062, 232.966 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, 39.062, 232.966 by changing the saturation by 10% instead.


 79, 39.062,
232.966

 79, 39.062,
232.966


 100, 39.062,
232.966


 69, 39.062,
232.966


 99, 39.062,
232.966

 59, 39.062,
232.966

 49, 39.062,
232.966

 39, 39.062,
232.966

 29, 39.062,
232.966

 19, 39.062,
232.966

 9, 39.062, 232.966

0, 39.062, 232.966

79, 39.062,
232.966

79, 39.062,
232.966

77, 41.667,
236.133

81, 35.645,
230.434

75, 43.570,
239.995

84, 31.404,
228.449

73, 44.958,
244.208

87, 26.383,
226.917

90, 20.668,
225.751

93, 14.361,
224.883

96, 7.569, 224.268

99, 0.390, 225.334

100, 1.212,
110.024

Harmonies

Complementary

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



79, 39.062, 232.966



65, 68.460, 43.951

Rectangle

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



79, 39.062, 232.966



79, 39.062, 282.966



79, 39.062, 52.966



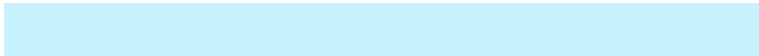
79, 39.062, 102.966

Sweetspot

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



79, 39.061, 232.966



93, 14.784, 224.919



88, 88.713, 144.063



49, 9.921, 225.136



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, 39.061, 232.966



77, 42.912, 237.790



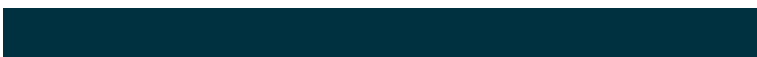
54, 74.818, 290.938



52, 4.130, 224.221



56, 36.331, 243.368



18, 16.350, 237.274

Inverse Universe

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



62, 85.861, 337.174



59, 94.296, 338.721



84, 68.353, 86.753



50, 7.685, 332.393



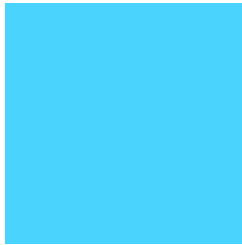
43, 77.631, 340.446



11, 36.457, 338.638

Previews

White Background



This preview shows how the CIE LCh color 79, 39.062, 232.966 looks on a white background.

Color Contrast Check

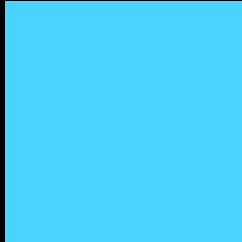
Large Text (above 18pt) WCAG AA × Fail

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, 39.062, 232.966 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, 39.062, 232.966

Background



This preview shows how black text looks on a background with the CIELCh color 79, 39.062, 232.966.

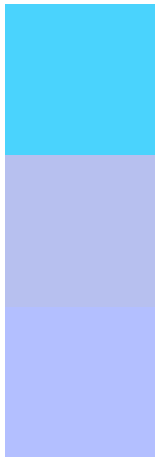


This preview shows how white text looks on a background with the CIELCh color 79, 39.062, 232.966.

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

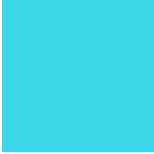
79, 39.169, 232.849

Protanopia

78, 25.251, 285.739

Deuteranopia

78, 34.339, 286.954



Tritanopia
79, 38.888, 211.411

Trichromacy



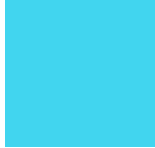
Original Color
79, 39.169, 232.849



Protanomaly
78, 28.579, 256.768



Deuteranomaly
78, 33.524, 263.052

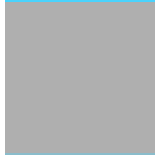


Tritanomaly
79, 38.411, 218.557

Monochromacy



Original Color
79, 39.169, 232.849



Achromatopsia
71, 0.009, 296.813



Achromatomaly
73, 18.106, 225.188

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 39.062, 232.966 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(74, 211, 253)` looks like.

```
.text, #text, p{  
    color:rgb(74, 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(74, 211, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 211, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 39.062, 232.966 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(74, 211, 253) }
```

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

```
.border{ border-color:rgb(74, 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(74, 211, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 211, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 211, 253);  
box-shadow:4px 4px 4px 4px rgb(74, 211,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 39.062, 232.966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 211, 253) }
```

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

```
.background{ background-color: rgb(74, 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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