

Converting Colors

CIELCh(79, 54.905, 120.123)

Have a look what the booklet for
CIELCh(79, 54.905, 120.123)
contains.

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Color

CIELCh(79, 54.935, 120.111)

Conversions

Conversions Part 1

Format	Color
Hex	AED068
RGB	174, 208, 104
RGB Percent	68%, 82%, 41%
CMY	0.3188, 0.1854, 0.5932
CMYK	0.16, 0.00, 0.50, 0.19
HSL	80°, 52%, 61%
HSV	80°, 50%, 81%
XYZ	42.3600, 54.9284, 21.3938
YIQ	185.9780, 13.1200, -39.5520

Conversions

Conversions Part 2

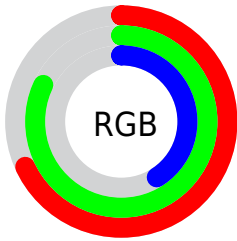
Format	Color
RYB	104, 208, 138
Decimal	11456616
CIELab	79.00, -27.56, 47.52
CIELCh	79, 54.935, 120.111
Yxy	54.9284, 0.3569, 0.4628
Android (android.graphics.Color)	4289646696 (0xFFAED068)
YUV	185.9780, -40.4152, -10.5047
Hunter-Lab	74.1137, -27.6764, 34.7648

Details

The CIELCh color **79, 54.935, 120.111** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **52, 61.087, 306.392**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 49.763, 117.265**, and **59, 54.885, 120.047** is the 20% darker color. If you saturate the color by 10%, you get **78, 64.658, 119.748**, and if you desaturate by 10%, it is **80, 44.509, 120.596**.

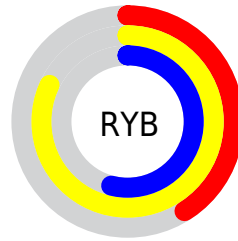
Distribution



Red (68%)

Green (82%)

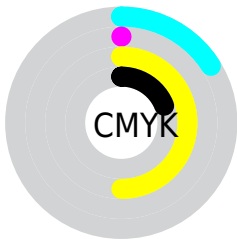
Blue (41%)



Red (41%)

Yellow (82%)

Blue (54%)

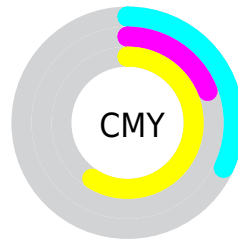


Cyan (16%)

Magenta (0%)

Yellow (50%)

Black (19%)



Cyan (32%)


Magenta (19%)


Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 54.935, 120.111 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, 54.935, 120.111 by changing the saturation by 10% instead.


 79, 54.935,
120.111

 79, 54.935,
120.111


 100, 54.935,
120.111


 69, 54.935,
120.111

 99, 54.935,
120.111

 59, 54.935,
120.111

 49, 54.935,
120.111

 39, 54.935,
120.111

 29, 54.935,
120.111

 19, 54.935,
120.111

 9, 54.935, 120.111

■ 0, 54.935, 120.111

■ 79, 54.935,
120.111

■ 79, 54.935,
120.111

■ 78, 64.658,
119.748

■ 80, 44.509,
120.596

■ 78, 73.287,
119.585

■ 81, 33.651,
121.140

■ 77, 80.334,
119.733

■ 81, 22.547,
121.706

■ 77, 85.337,
120.304

■ 82, 11.321,
122.271

■ 76, 88.376,
121.278

■ 83, 0.058, 123.833

■ 84, 11.181,
303.321

■ 86, 22.355,
303.809

■ 86, 25.882,
307.540

■ 87, 26.578,
312.415

Harmonies

Complementary

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



79, 54.935, 120.111



52, 61.087, 306.392

Rectangle

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



79, 54.935, 120.111



79, 54.935, 170.111



79, 54.935, 300.111



79, 54.935, 350.111

Sweetspot

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



79, 54.936, 120.113



98, 19.930, 121.983



63, 37.185, 50.685



52, 13.593, 121.862



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, 54.936, 120.113



94, 76.172, 119.730



76, 62.874, 136.314



44, 6.419, 122.307



63, 75.454, 121.055



14, 24.748, 122.465

Inverse Universe

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



52, 61.087, 306.392



55, 87.182, 307.297



57, 63.937, 321.441



41, 6.536, 303.341



22, 94.597, 308.761



2, 26.043, 301.604

Previews

White Background



This preview shows how the CIELCh color 79, 54.935, 120.111 looks on a white background.

Color Contrast Check

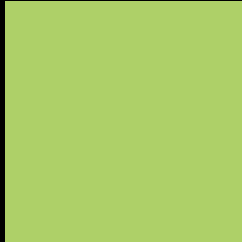
Large Text (above 18pt) WCAG AA × Fail

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, 54.935, 120.111 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, 54.935, 120.111

Background



This preview shows how black text looks on a background with the CIELCh color 79, 54.935, 120.111.



This preview shows how white text looks on a background with the CIELCh color 79, 54.935, 120.111.

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, 54.935, 120.111

Protanopia
79, 49.955, 95.702

Deuteranopia
79, 46.905, 77.752



Tritanopia
79, 8.552, 269.213

Trichromacy



Original Color
79, 54.935, 120.111

Protanomaly
79, 50.860, 105.503

Deuteranomaly
79, 46.264, 94.771

Tritanomaly
79, 16.419, 133.305

Monochromacy



Original Color
79, 54.935, 120.111

Achromatopsia
76, 0.009, 296.813

Achromatomaly
77, 20.788, 121.300

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 54.935, 120.111 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(174, 208, 104)` looks like.

```
.text, #text, p{  
    color:rgb(174, 208, 104)  
}
```

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(174, 208, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 208, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 54.935, 120.111 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(174, 208, 104) }
```

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

```
.border{ border-color:rgb(174, 208, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 208, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 208, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 208, 104);  
box-shadow:4px 4px 4px 4px rgb(174, 208,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 54.935, 120.111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 208, 104) }
```

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

```
.background{ background-color: rgb(174,  
208, 104) }
```

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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