

Converting Colors

CIELCh(79, 54.060, 115.992)

Have a look what the booklet for
CIELCh(79, 54.060, 115.992)
contains.

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Color

CIELCh(79, 54.031, 116.004)

Conversions

Conversions Part 1

Format	Color
Hex	B6CE66
RGB	182, 206, 102
RGB Percent	71%, 81%, 40%
CMY	0.2870, 0.1929, 0.6007
CMYK	0.12, 0.00, 0.51, 0.19
HSL	74°, 51%, 60%
HSV	74°, 51%, 81%
XYZ	43.6610, 54.9284, 20.8252
YIQ	186.9680, 19.0800, -37.4320

Conversions

Conversions Part 2

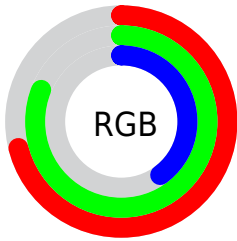
Format	Color
RYB	102, 206, 126
Decimal	11980390
CIELab	79.00, -23.69, 48.56
CIElCh	79, 54.031, 116.004
Yxy	54.9284, 0.3656, 0.4600
Android (android.graphics.Color)	4290170470 (0xFFB6CE66)
YUV	186.9680, -41.8892, -4.3569
Hunter-Lab	74.1137, -24.5430, 35.2197

Details

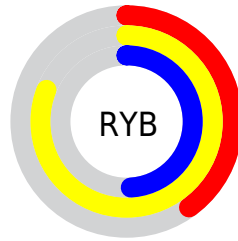
The CIELCh color **79, 54.031, 116.004** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **50, 61.057, 303.662**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 50.177, 113.556**, and **59, 54.276, 116.042** is the 20% darker color. If you saturate the color by 10%, you get **78, 63.400, 115.556**, and if you desaturate by 10%, it is **80, 43.932, 116.572**.

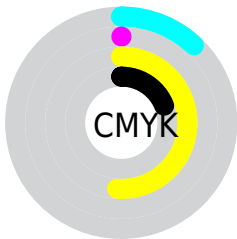
Distribution



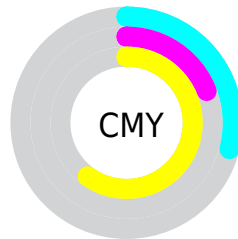
- Red (71%)
- Green (81%)
- Blue (40%)



- Red (40%)
- Yellow (81%)
- Blue (49%)



- Cyan (12%)
- Magenta (0%)
- Yellow (51%)
- Black (19%)



- Cyan (29%)
- Magenta (19%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 54.031, 116.004 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, 54.031, 116.004 by changing the saturation by 10% instead.

 79, 54.031,
116.004

 79, 54.031,
116.004

 100, 54.031,
116.004

 69, 54.031,
116.004

 99, 54.031,
116.004

 59, 54.031,
116.004

 49, 54.031,
116.004

 39, 54.031,
116.004

 29, 54.031,
116.004

 19, 54.031,
116.004

 9, 54.031, 116.004

0, 54.031, 116.004

79, 54.031,
116.004

79, 54.031,
116.004

78, 63.400,
115.556

80, 43.932,
116.572

78, 71.640,
115.298

80, 33.377,
117.199

78, 78.259,
115.325

81, 22.556,
117.853

77, 82.799,
115.734

82, 11.592,
118.508

77, 85.311,
116.459

83, 0.570, 119.186

84, 10.454,
299.757

■ 85, 21.438,
300.341

■ 85, 26.421,
302.499

■ 86, 26.751,
305.892

Harmonies

Complementary

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



79, 54.031, 116.004



50, 61.057, 303.662

Rectangle

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



79, 54.031, 116.004



79, 54.031, 166.004



79, 54.031, 296.004



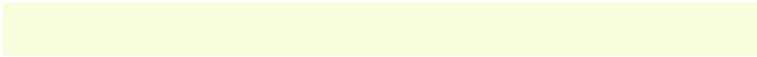
79, 54.031, 346.004

Sweetspot

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



79, 54.032, 116.006



98, 19.644, 118.203



60, 38.987, 41.331



52, 13.395, 118.063



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, 54.032, 116.006



95, 75.792, 115.512



76, 61.091, 133.640



43, 6.203, 118.582



63, 72.561, 116.272



14, 22.558, 118.408

Inverse Universe

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



50, 61.057, 303.662



53, 88.834, 304.953



55, 63.159, 318.349



40, 6.328, 299.806



21, 94.999, 307.601



2, 23.767, 298.374

Previews

White Background



This preview shows how the CIELCh color 79, 54.031, 116.004 looks on a white background.

Color Contrast Check

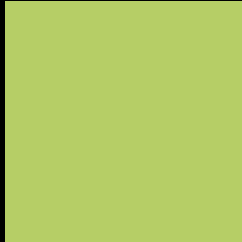
Large Text (above 18pt) WCAG AA × Fail

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, 54.031, 116.004 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, 54.031, 116.004

Background



This preview shows how black text looks on a background with the CIELCh color 79, 54.031, 116.004.



This preview shows how white text looks on a background with the CIELCh color 79, 54.031, 116.004.

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, 54.031, 116.004

Protanopia

79, 50.978, 95.303

Deuteranopia

79, 48.039, 77.742



Tritanopia
79, 8.036, 293.448

Trichromacy



Original Color
79, 54.031, 116.004

Protanomaly
79, 51.412, 103.072

Deuteranomaly
78, 47.181, 92.757

Tritanomaly
79, 15.201, 120.441

Monochromacy



Original Color
79, 54.031, 116.004

Achromatopsia
76, 0.009, 296.813

Achromatomaly
77, 20.538, 118.161

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 54.031, 116.004 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(182, 206, 102)` looks like.

```
.text, #text, p{  
    color:rgb(182, 206, 102)  
}
```

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(182, 206, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 206, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 54.031, 116.004 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(182, 206, 102) }
```

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

```
.border{ border-color:rgb(182, 206, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 206, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(182, 206, 102); -webkit-box-shadow:4px 4px 4px 4px rgb(182, 206, 102); box-shadow:4px 4px 4px 4px rgb(182, 206, 102) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 54.031, 116.004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 206, 102) }
```

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

```
.background{ background-color: rgb(182,  
206, 102) }
```

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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