

Converting Colors

CIELCh(79, 60.527, 119.149)

Have a look what the booklet for
CIELCh(79, 60.527, 119.149)
contains.

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Color

CIELCh(79, 60.449, 119.188)

Conversions

Conversions Part 1

Format	Color
Hex	ACD05C
RGB	172, 208, 92
RGB Percent	67%, 82%, 36%
CMY	0.3238, 0.1826, 0.6376
CMYK	0.17, 0.00, 0.56, 0.18
HSL	79°, 55%, 59%
HSV	79°, 56%, 82%
XYZ	41.7244, 54.9284, 18.6239
YIQ	184.0120, 15.7800, -43.7080

Conversions

Conversions Part 2

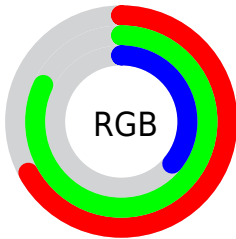
Format	Color
R _Y B	92, 208, 128
Decimal	11325532
CIE Lab	79.00, -29.48, 52.77
CIE LCh	79, 60.449, 119.188
Yxy	54.9284, 0.3620, 0.4765
Android (android.graphics.Color)	4289515612 (0xFFACD05C)
YUV	184.0120, -45.3619, -10.5345
Hunter-Lab	74.1137, -29.2073, 36.9807

Details

The CIELCh color **79, 60.449, 119.188** is a light color, and the websafe version is hex **99CC66**. The color can be described as light muted chartreuse. A complement of this color would be **48, 68.459, 306.408**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 55.029, 116.737**, and **59, 60.315, 118.990** is the 20% darker color. If you saturate the color by 10%, you get **78, 69.591, 118.913**, and if you desaturate by 10%, it is **80, 50.395, 119.628**.

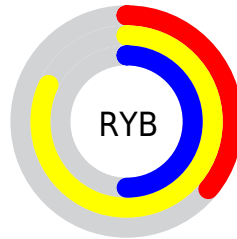
Distribution



Red (67%)

Green (82%)

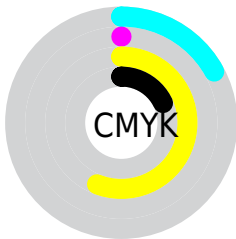
Blue (36%)



Red (36%)

Yellow (82%)

Blue (50%)

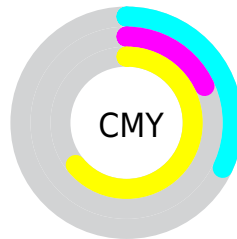


Cyan (17%)

Magenta (0%)

Yellow (56%)

Black (18%)



Cyan (32%)

Magenta (18%)

Yellow (64%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 60.449, 119.188 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, 60.449, 119.188 by changing the saturation by 10% instead.


 79, 60.449,
119.188

 79, 60.449,
119.188

 100, 60.449,
119.188


 69, 60.449,
119.188

 99, 60.449,
119.188

 59, 60.449,
119.188

 49, 60.449,
119.188

 39, 60.449,
119.188

 29, 60.449,
119.188

 19, 60.449,
119.188

 9, 60.449, 119.188

0, 60.449, 119.188

79, 60.449,
119.188

79, 60.449,
119.188

78, 69.591,
118.913

80, 50.395,
119.628

78, 77.364,
118.894

80, 39.763,
120.156

77, 83.266,
119.247

81, 28.786,
120.726

77, 86.965,
120.060

82, 17.620,
121.308

77, 88.146,
120.492

83, 6.370, 121.883

84, 4.892, 302.411

85, 16.115,

302.937

■ 86, 25.125,
304.312

■ 87, 25.674,
309.141

Harmonies

Complementary

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



79, 60.449, 119.188



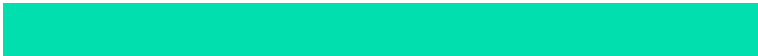
48, 68.459, 306.408

Rectangle

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



79, 60.449, 119.188



79, 60.449, 169.188



79, 60.449, 299.188



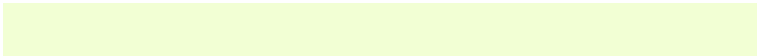
79, 60.449, 349.188

Sweetspot

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



79, 60.450, 119.190



98, 22.517, 121.219



61, 42.575, 48.945



52, 15.054, 121.100



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, 60.450, 119.190



94, 83.084, 118.884



76, 69.129, 135.518



44, 6.402, 121.668



63, 75.065, 120.271



15, 24.630, 121.678

Inverse Universe

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



48, 68.459, 306.408



51, 97.458, 307.456



55, 70.505, 321.095



41, 6.521, 302.732



22, 94.880, 308.527



2, 25.999, 301.121

Previews

White Background



This preview shows how the CIELCh color 79, 60.449, 119.188 looks on a white background.

Color Contrast Check

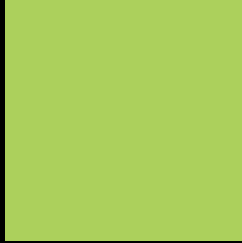
Large Text (above 18pt) WCAG AA × Fail

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, 60.449, 119.188 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, 60.449, 119.188

Background



This preview shows how black text looks on a background with the CIELCh color 79, 60.449, 119.188.



This preview shows how white text looks on a background with the CIELCh color 79, 60.449, 119.188.

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, 60.449, 119.188

Protanopia
79, 55.635, 95.203

Deuteranopia
79, 51.855, 78.873



Tritanopia
79, 8.552, 269.213

Trichromacy



Original Color
79, 60.449, 119.188

Protanomaly
79, 55.923, 104.603

Deuteranomaly
78, 51.008, 95.274

Tritanomaly
79, 18.995, 130.964

Monochromacy



Original Color
79, 60.449, 119.188

Achromatopsia
75, 0.009, 296.813

Achromatomaly
76, 22.960, 120.929

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 60.449, 119.188 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(172, 208, 92)` looks like.

```
.text, #text, p{  
    color:rgb(172, 208, 92)  
}
```

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(172, 208, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 208, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 60.449, 119.188 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(172, 208, 92) }
```

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

```
.border{ border-color:rgb(172, 208, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 208, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 208, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 208, 92);  
box-shadow:4px 4px 4px 4px rgb(172, 208,  
92) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 60.449, 119.188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 208, 92) }
```

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

```
.background{ background-color: rgb(172,  
208, 92) }
```

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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