

Converting Colors

CIELCh(79, 55.156, 114.145)

Have a look what the booklet for
CIELCh(79, 55.156, 114.145)
contains.

CIELCh(79, 55.124, 113.968)	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, 55.124, 113.968)

Conversions

Conversions Part 1

Format	Color
Hex	B9CD62
RGB	185, 205, 98
RGB Percent	73%, 80%, 38%
CMY	0.2741, 0.1956, 0.6153
CMYK	0.10, 0.00, 0.52, 0.20
HSL	71°, 52%, 59%
HSV	71°, 52%, 80%
XYZ	44.1026, 54.9284, 19.8594
YIQ	186.8220, 22.4270, -37.5170

Conversions

Conversions Part 2

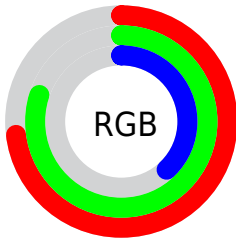
Format	Color
RYB	98, 205, 118
Decimal	12176738
CIELab	79.00, -22.39, 50.37
CIELCh	79, 55.124, 113.968
Yxy	54.9284, 0.3710, 0.4620
Android (android.graphics.Color)	4290366818 (0xFFB9CD62)
YUV	186.8220, -43.7892, -1.5979
Hunter-Lab	74.1137, -23.4796, 35.9923

Details

The CIELCh color **79, 55.124, 113.968** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **48, 62.984, 302.648**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 51.876, 111.464**, and **59, 55.091, 113.908** is the 20% darker color. If you saturate the color by 10%, you get **79, 64.224, 113.489**, and if you desaturate by 10%, it is **80, 45.231, 114.572**.

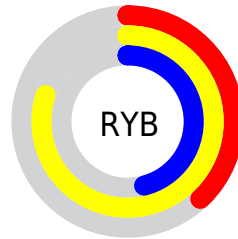
Distribution



Red (73%)

Green (80%)

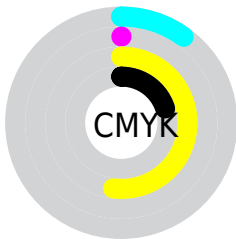
Blue (38%)



Red (38%)

Yellow (80%)

Blue (46%)

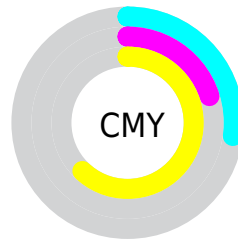


Cyan (10%)

Magenta (0%)

Yellow (52%)

Black (20%)



Cyan (27%)


Magenta (20%)


Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 55.124, 113.968 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, 55.124, 113.968 by changing the saturation by 10% instead.


 79, 55.124,
113.968

 79, 55.124,
113.968


 100, 55.124,
113.968


 69, 55.124,
113.968

 99, 55.124,
113.968

 59, 55.124,
113.968

 49, 55.124,
113.968

 39, 55.124,
113.968

 29, 55.124,
113.968

 19, 55.124,
113.968

 9, 55.124, 113.968

0, 55.124, 113.968

79, 55.124,
113.968

79, 55.124,
113.968

79, 64.224,
113.489

80, 45.231,
114.572

78, 72.110,
113.201

80, 34.839,
115.242

78, 78.282,
113.195

81, 24.150,
115.943

77, 82.311,
113.553

81, 13.296,
116.649

77, 84.175,
114.057

82, 2.365, 117.345

83, 8.583, 298.012

84, 19.505,

298.653

■ 85, 26.622,
300.011

■ 85, 26.827,
302.734

Harmonies

Complementary

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



79, 55.124, 113.968



48, 62.984, 302.648

Rectangle

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



79, 55.124, 113.968



79, 55.124, 163.968



79, 55.124, 293.968



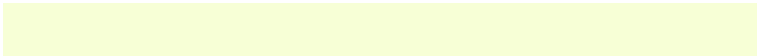
79, 55.124, 343.968

Sweetspot

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



79, 55.125, 113.970



99, 20.841, 116.365



59, 41.201, 38.572



52, 14.062, 116.217



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, 55.125, 113.970



95, 77.301, 113.427



76, 62.137, 132.602



43, 6.172, 116.843



64, 71.798, 113.900



14, 22.340, 116.071

Inverse Universe

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



48, 62.984, 302.648



51, 92.011, 304.176



54, 64.695, 317.365



39, 6.301, 298.173



20, 95.548, 307.204



2, 23.703, 297.257

Previews

White Background



This preview shows how the CIELCh color 79, 55.124, 113.968 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, 55.124, 113.968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

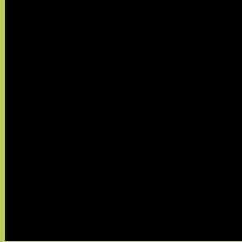
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 55.124, 113.968

Background



This preview shows how black text looks on a background with the CIELCh color 79, 55.124, 113.968.



This preview shows how white text looks on a background with the CIELCh color 79, 55.124, 113.968.

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, 55.124, 113.968

Protanopia
79, 52.370, 95.420

Deuteranopia
79, 49.843, 78.555



Tritanopia
79, 8.250, 303.439

Trichromacy



Original Color
79, 55.124, 113.968

Protanomaly
79, 52.830, 102.537

Deuteranomaly
79, 49.188, 92.553

Tritanomaly
79, 15.486, 114.477

Monochromacy



Original Color
79, 55.124, 113.968

Achromatopsia
76, 0.009, 296.813

Achromatomaly
77, 20.991, 116.839

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 55.124, 113.968 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(185, 205, 98)` looks like.

```
.text, #text, p{  
    color:rgb(185, 205, 98)  
}
```

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(185, 205, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 205, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 55.124, 113.968 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(185, 205, 98) }
```

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

```
.border{ border-color:rgb(185, 205, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 205, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 205, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 205, 98);  
box-shadow:4px 4px 4px 4px rgb(185, 205,  
98) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 55.124, 113.968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 205, 98) }
```

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

```
.background{ background-color: rgb(185,  
205, 98) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor