

Converting Colors

CIELCh(79, 38.199, 119.194)

Have a look what the booklet for
CIELCh(79, 38.199, 119.194)
contains.

CIELCh(79, 38.551, 119.421)	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, 38.551, 119.421)

Conversions

Conversions Part 1

Format	Color
Hex	B7CC84
RGB	183, 204, 132
RGB Percent	72%, 80%, 52%
CMY	0.2823, 0.1999, 0.4823
CMYK	0.10, 0.00, 0.35, 0.20
HSL	78°, 41%, 66%
HSV	78°, 35%, 80%
XYZ	45.2943, 54.9284, 30.0498
YIQ	189.5130, 10.5960, -26.8440

Conversions

Conversions Part 2

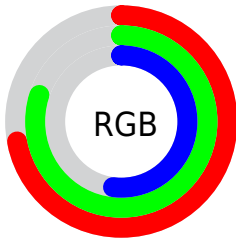
Format	Color
RYB	132, 204, 153
Decimal	12045444
CIELab	79.00, -18.94, 33.58
CIELCh	79, 38.551, 119.421
Yxy	54.9284, 0.3477, 0.4216
Android (android.graphics.Color)	4290235524 (0xFFB7CC84)
YUV	189.5130, -28.3539, -5.7119
Hunter-Lab	74.1137, -20.6093, 27.8401

Details

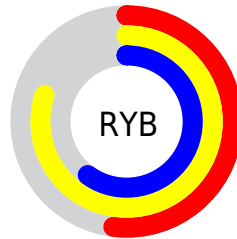
The CIELCh color **79, 38.551, 119.421** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **60, 41.480, 304.004**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 35.210, 116.845**, and **59, 38.821, 119.420** is the 20% darker color. If you saturate the color by 10%, you get **78, 48.975, 118.878**, and if you desaturate by 10%, it is **80, 27.796, 120.009**.

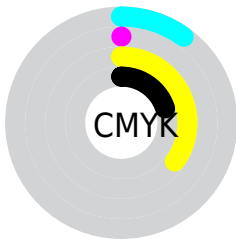
Distribution



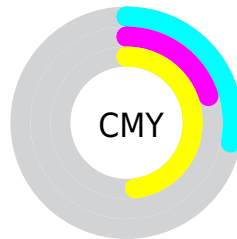
- Red (72%)
- Green (80%)
- Blue (52%)



- Red (52%)
- Yellow (80%)
- Blue (60%)



- Cyan (10%)
- Magenta (0%)
- Yellow (35%)
- Black (20%)





- Cyan (28%)
- Magenta (20%)
- Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 38.551, 119.421 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, 38.551, 119.421 by changing the saturation by 10% instead.


 79, 38.551,
119.421


 79, 38.551,
119.421


 100, 38.551,
119.421


 69, 38.551,
119.421


 99, 38.551,
119.421

 59, 38.551,
119.421

 49, 38.551,
119.421

 39, 38.551,
119.421

 29, 38.551,
119.421

 19, 38.551,
119.421

 9, 38.551, 119.421

0, 38.551, 119.421

79, 38.551,
119.421

79, 38.551,
119.421

78, 48.975,
118.878

80, 27.796,
120.009

78, 58.840,
118.420

81, 16.856,
120.605

77, 67.821,
118.118

82, 5.833, 121.196

77, 75.476,
118.064

83, 5.204, 301.743

76, 81.313,
118.370

84, 16.205,
302.283

76, 84.985,
119.124

85, 27.136,
302.785

85, 27.857,

■ 76, 86.234,
119.571

306.764

■ 86, 28.414,
310.753

■ 86, 29.101,
314.616

Harmonies

Complementary

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



79, 38.551, 119.421



60, 41.480, 304.004

Rectangle

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



79, 38.551, 119.421



79, 38.551, 169.421



79, 38.551, 299.421



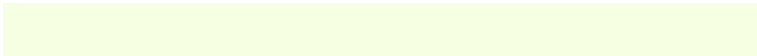
79, 38.551, 349.421

Sweetspot

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



79, 38.553, 119.423



99, 14.537, 120.851



67, 24.661, 47.777



53, 9.767, 120.770



0, 0.000, 0.000



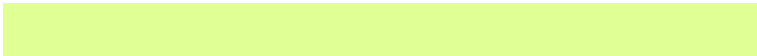
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



79, 38.553, 119.423



96, 54.607, 119.021



77, 43.825, 136.433



43, 6.255, 120.954



63, 73.801, 119.360



13, 22.920, 121.492

Inverse Universe

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



60, 41.480, 304.004



68, 59.836, 304.651



63, 44.586, 319.847



40, 6.373, 302.050



22, 94.104, 308.293



2, 23.872, 299.936

Previews

White Background



This preview shows how the CIELCh color 79, 38.551, 119.421 looks on a white background.

Color Contrast Check

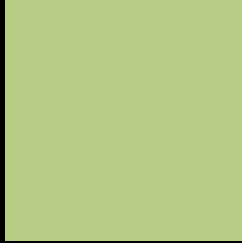
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 79, 38.551, 119.421 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, 38.551, 119.421

Background



This preview shows how black text looks on a background with the CIELCh color 79, 38.551, 119.421.



This preview shows how white text looks on a background with the CIELCh color 79, 38.551, 119.421.

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](#).

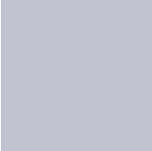
Dichromacy



Original Color
79, 38.551, 119.421

Protanopia
79, 35.996, 95.570

Deuteranopia
79, 33.587, 72.779



Tritanopia
79, 8.559, 288.584

Trichromacy



Original Color
79, 38.551, 119.421

Protanomaly
79, 36.200, 104.881

Deuteranomaly
79, 32.064, 90.836

Tritanomaly
79, 9.185, 130.896

Monochromacy



Original Color
79, 38.551, 119.421

Achromatopsia
77, 0.009, 296.813

Achromatomaly
78, 14.206, 121.345

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 38.551, 119.421 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(183, 204, 132)` looks like.

```
.text, #text, p{  
    color:rgb(183, 204, 132)  
}
```

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(183, 204, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 204, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 38.551, 119.421 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(183, 204, 132) }
```

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

```
.border{ border-color:rgb(183, 204, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 204, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 204, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 204, 132);  
box-shadow:4px 4px 4px 4px rgb(183, 204,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 38.551, 119.421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 204, 132) }
```

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

```
.background{ background-color: rgb(183,  
204, 132) }
```

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