

Converting Colors

CIELCh(79, 41.149, 117.519)

Have a look what the booklet for
CIELCh(79, 41.149, 117.519)
contains.

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Color

CIELCh(79, 41.328, 117.252)

Conversions

Conversions Part 1

Format	Color
Hex	B9CC7E
RGB	185, 204, 126
RGB Percent	73%, 80%, 49%
CMY	0.2750, 0.2005, 0.5063
CMYK	0.09, 0.00, 0.38, 0.20
HSL	75°, 43%, 65%
HSV	75°, 38%, 80%
XYZ	45.2988, 54.9284, 27.9138
YIQ	189.4270, 13.7140, -28.2860

Conversions

Conversions Part 2

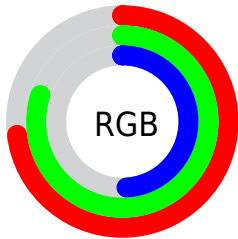
Format	Color
R_{YB}	126, 204, 145
Decimal	12176510
CIE _{Lab}	79.00, -18.92, 36.74
CIE _{LCh}	79, 41.328, 117.252
Yxy	54.9284, 0.3535, 0.4287
Android (android.graphics.Color)	4290366590 (0xFFB9CC7E)
YUV	189.4270, -31.2695, -3.8825
Hunter-Lab	74.1137, -20.5986, 29.5489

Details

The CIELCh color **79, 41.328, 117.252** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **57, 45.009, 302.733**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 38.014, 114.831**, and **59, 41.584, 117.068** is the 20% darker color. If you saturate the color by 10%, you get **78, 51.503, 116.684**, and if you desaturate by 10%, it is **80, 30.758, 117.877**.

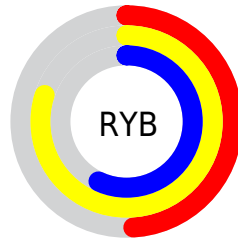
Distribution



Red (73%)

Green (80%)

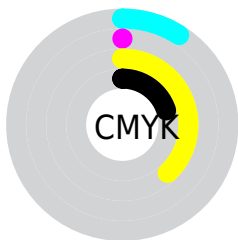
Blue (49%)



Red (49%)

Yellow (80%)

Blue (57%)

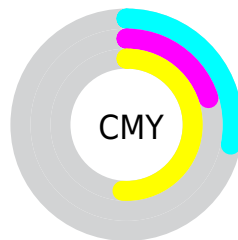


Cyan (9%)

Magenta (0%)

Yellow (38%)

Black (20%)



Cyan (28%)


Magenta (20%)


Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 41.328, 117.252 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, 41.328, 117.252 by changing the saturation by 10% instead.


 79, 41.328,
117.252

 79, 41.328,
117.252


 100, 41.328,
117.252


 69, 41.328,
117.252


 99, 41.328,
117.252

 59, 41.328,
117.252

 49, 41.328,
117.252

 39, 41.328,
117.252

 29, 41.328,
117.252

 19, 41.328,
117.252

 9, 41.328, 117.252

■ 0, 41.328, 117.252

■ 79, 41.328,
117.252

■ 79, 41.328,
117.252

■ 78, 51.503,
116.684

■ 80, 30.758,
117.877

■ 78, 61.025,
116.217

■ 80, 19.956,
118.519

■ 77, 69.532,
115.923

■ 81, 9.038, 119.158

■ 82, 1.922, 299.760

■ 77, 76.553,
115.896

■ 83, 12.871,
300.365

■ 76, 81.608,
116.237

■ 84, 23.770,
300.927

■ 76, 84.565,
116.987

■ 85, 27.573,

■ 76, 85.000,
117.129

303.394

■ 85, 27.938,
306.785

■ 86, 28.394,
310.113

Harmonies

Complementary

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



79, 41.328, 117.252



57, 45.009, 302.733

Rectangle

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



79, 41.328, 117.252



79, 41.328, 167.252



79, 41.328, 297.252



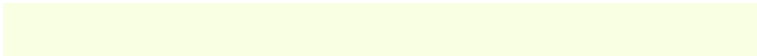
79, 41.328, 347.252

Sweetspot

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



79, 41.330, 117.254



99, 14.439, 118.974



65, 27.625, 42.620



53, 9.700, 118.887



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, 41.330, 117.254



96, 59.013, 116.773



77, 46.679, 134.829



43, 6.213, 119.085



63, 72.806, 116.943



14, 22.628, 119.073

Inverse Universe

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



57, 45.009, 302.733



65, 65.785, 303.597



61, 47.824, 318.411



40, 6.337, 300.281



21, 94.823, 307.733



2, 23.787, 298.700

Previews

White Background



This preview shows how the CIELCh color 79, 41.328, 117.252 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, 41.328, 117.252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

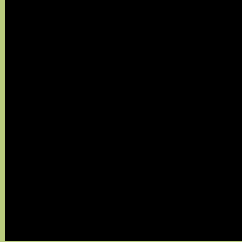
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 41.328, 117.252

Background



This preview shows how black text looks on a background with the CIELCh color 79, 41.328, 117.252.



This preview shows how white text looks on a background with the CIELCh color 79, 41.328, 117.252.

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, 41.328, 117.252

Protanopia
79, 38.592, 95.398

Deuteranopia
79, 36.549, 74.580



Tritanopia
79, 8.065, 295.980

Trichromacy



Original Color
79, 41.328, 117.252

Protanomaly
79, 38.767, 103.535

Deuteranomaly
79, 35.191, 91.211

Tritanomaly
79, 10.366, 121.869

Monochromacy



Original Color
79, 41.328, 117.252

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 15.180, 119.018

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 41.328, 117.252 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, 204, 126)` looks like.

```
.text, #text, p{  
    color:rgb(185, 204, 126)  
}
```

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, 204, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 204, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 41.328, 117.252 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, 204, 126) }
```

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

```
.border{ border-color:rgb(185, 204, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 204, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 204, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 204, 126);  
box-shadow:4px 4px 4px 4px rgb(185, 204,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 41.328, 117.252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 204, 126) }
```

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

```
.background{ background-color: rgb(185,  
204, 126) }
```

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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