

Converting Colors

CIELCh(79, 35.170, 123.268)

Have a look what the booklet for
CIELCh(79, 35.170, 123.268)
contains.

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Color

CIELCh(79, 34.915, 122.954)

Conversions

Conversions Part 1

Format	Color
Hex	B4CC8C
RGB	180, 204, 140
RGB Percent	71%, 80%, 55%
CMY	0.2932, 0.1991, 0.4501
CMYK	0.12, 0.00, 0.31, 0.20
HSL	83°, 39%, 68%
HSV	83°, 31%, 80%
XYZ	45.2750, 54.9284, 33.1127
YIQ	189.5280, 6.2400, -24.9920

Conversions

Conversions Part 2

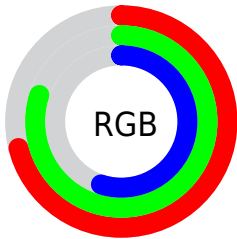
Format	Color
RYB	140, 204, 164
Decimal	11848844
CIELab	79.00, -18.99, 29.30
CIELCh	79, 34.915, 122.954
Yxy	54.9284, 0.3396, 0.4120
Android (android.graphics.Color)	4290038924 (0xFFB4CC8C)
YUV	189.5280, -24.4173, -8.3561
Hunter-Lab	74.1137, -20.6557, 25.3898

Details

The CIELCh color $79, 34.915, 122.954$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $63, 36.944, 306.449$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 31.627, 120.858$, and $59, 35.160, 123.244$ is the 20% darker color. If you saturate the color by 10%, you get $78, 45.711, 122.448$, and if you desaturate by 10%, it is $80, 23.869, 123.488$.

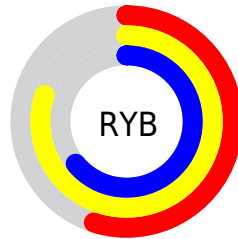
Distribution



Red (71%)

Green (80%)

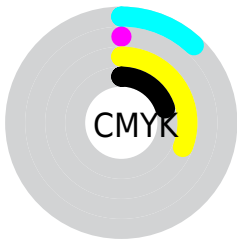
Blue (55%)



Red (55%)

Yellow (80%)

Blue (64%)

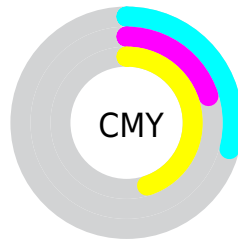


Cyan (12%)

Magenta (0%)

Yellow (31%)

Black (20%)



Cyan (29%)


Magenta (20%)


Yellow (45%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 34.915, 122.954 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, 34.915, 122.954 by changing the saturation by 10% instead.


 79, 34.915,
122.954

 79, 34.915,
122.954


 100, 34.915,
122.954


 69, 34.915,
122.954


 99, 34.915,
122.954

 59, 34.915,
122.954

 49, 34.915,
122.954

 39, 34.915,
122.954

 29, 34.915,
122.954

 19, 34.915,
122.954

 9, 34.915, 122.954

■ 0, 34.915, 122.954

■ 79, 34.915,
122.954

■ 79, 34.915,
122.954

■ 78, 45.711,
122.448

■ 80, 23.869,
123.488

■ 77, 56.060,
122.003

■ 81, 12.699,
124.019

■ 77, 65.682,
121.686

■ 82, 1.494, 124.573

■ 76, 74.181,
121.586

■ 83, 9.681, 304.996

■ 76, 81.074,
121.819

■ 84, 20.783,
305.449

■ 75, 85.923,
122.498

■ 85, 27.851,
307.698

■ 86, 28.633,

■ 75, 88.631,
123.409

312.797

■ 87, 29.624,
317.661

■ 87, 30.809,
322.246

Harmonies

Complementary

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



79, 34.915, 122.954



63, 36.944, 306.449

Rectangle

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



79, 34.915, 122.954



79, 34.915, 172.954



79, 34.915, 302.954



79, 34.915, 352.954

Sweetspot

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



79, 34.917, 122.956



99, 12.062, 124.136



70, 21.266, 57.063



53, 8.383, 124.058



0, 0.000, 0.000



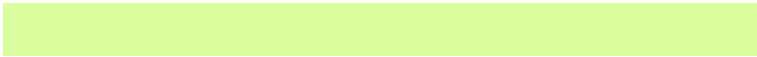
53, 0.007, 296.813

Same Dimension

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



79, 34.917, 122.956



96, 50.439, 122.588



77, 40.046, 138.951



43, 6.343, 124.121



62, 75.752, 123.171



13, 23.510, 125.384

Inverse Universe

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



63, 36.944, 306.449



72, 54.173, 306.956



66, 40.392, 322.220



40, 6.451, 305.073



23, 92.679, 309.520



2, 24.071, 302.354

Previews

White Background



This preview shows how the CIELCh color 79, 34.915, 122.954 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, 34.915, 122.954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

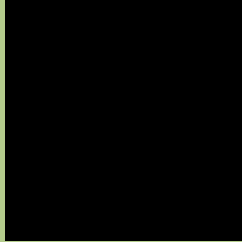
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 34.915, 122.954

Background



This preview shows how black text looks on a background with the CIELCh color 79, 34.915, 122.954.



This preview shows how white text looks on a background with the CIELCh color 79, 34.915, 122.954.

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](#).

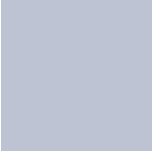
Dichromacy



Original Color
79, 34.915, 122.954

Protanopia
79, 31.859, 95.361

Deuteranopia
79, 29.517, 70.111



Tritanopia
79, 8.699, 279.267

Trichromacy



Original Color
79, 34.915, 122.954

Protanomaly
79, 31.584, 105.791

Deuteranomaly
79, 27.785, 90.614

Tritanomaly
79, 8.275, 142.048

Monochromacy



Original Color
79, 34.915, 122.954

Achromatopsia
77, 0.009, 296.813

Achromatomaly
78, 12.756, 124.606

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 34.915, 122.954 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(180, 204, 140)` looks like.

```
.text, #text, p{  
    color:rgb(180, 204, 140)  
}
```

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(180, 204, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 204, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 34.915, 122.954 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(180, 204, 140) }
```

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

```
.border{ border-color:rgb(180, 204, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 204, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 204, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 204, 140);  
box-shadow:4px 4px 4px 4px rgb(180, 204,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 34.915, 122.954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 204, 140) }
```

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

```
.background{ background-color: rgb(180,  
204, 140) }
```

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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