

Converting Colors

CIELCh(79, 31.167, 119.166)

Have a look what the booklet for
CIELCh(79, 31.167, 119.166)
contains.

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Color

CIELCh(79, 31.167, 119.166)

Conversions

Conversions Part 1

Format	Color
Hex	BACA90
RGB	186, 202, 144
RGB Percent	73%, 79%, 56%
CMY	0.2691, 0.2063, 0.4339
CMYK	0.08, 0.00, 0.29, 0.21
HSL	77°, 36%, 68%
HSV	77°, 29%, 79%
XYZ	46.6110, 54.9284, 34.6745
YIQ	190.6040, 9.0820, -21.4300

Conversions

Conversions Part 2

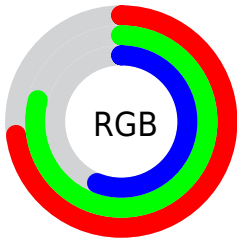
Format	Color
RYB	144, 202, 160
Decimal	12241552
CIELab	79.00, -15.19, 27.22
CIELCh	79, 31.167, 119.166
Yxy	54.9284, 0.3422, 0.4033
Android (android.graphics.Color)	4290431632 (0xFFBACA90)
YUV	190.6040, -22.9758, -4.0377
Hunter-Lab	74.1137, -17.4382, 24.1405

Details

The CIELCh color **79, 31.167, 119.166** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **63, 33.055, 302.911**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 29.130, 116.882**, and **59, 31.221, 119.334** is the 20% darker color. If you saturate the color by 10%, you get **78, 41.729, 118.579**, and if you desaturate by 10%, it is **80, 20.380, 119.778**.

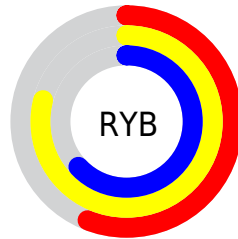
Distribution



Red (73%)

Green (79%)

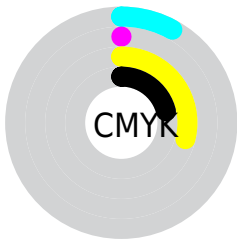
Blue (56%)



Red (56%)

Yellow (79%)

Blue (63%)

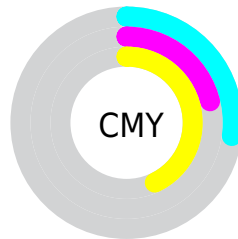


Cyan (8%)

Magenta (0%)

Yellow (29%)

Black (21%)



Cyan (27%)


Magenta (21%)


Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 31.167, 119.166 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, 31.167, 119.166 by changing the saturation by 10% instead.


 79, 31.167,
119.166

 79, 31.167,
119.166


 100, 31.167,
119.166


 69, 31.167,
119.166


 99, 31.167,
119.166


 59, 31.167,
119.166

 49, 31.167,
119.166

 39, 31.167,
119.166

 29, 31.167,
119.166

 19, 31.167,
119.166

 9, 31.167, 119.166

■ 0, 31.167, 119.166

■ 79, 31.167,
119.166

■ 79, 31.167,
119.166

■ 78, 41.729,
118.579

■ 80, 20.380,
119.778

■ 78, 51.890,
118.043

■ 81, 9.476, 120.385

■ 77, 61.399,
117.614

■ 82, 1.465, 300.941

■ 83, 12.390,
301.525

■ 76, 69.891,
117.367

■ 84, 23.259,
302.054

■ 76, 76.898,
117.400

■ 84, 28.494,
304.274

■ 76, 81.947,
117.820

■ 85, 28.930,

■ 75, 84.958,
118.658

307.951

■ 75, 85.307,
118.776

■ 85, 29.479,
311.547

■ 86, 30.135,
315.037

Harmonies

Complementary

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



79, 31.167, 119.166



63, 33.055, 302.911

Rectangle

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



79, 31.167, 119.166



79, 31.167, 169.166



79, 31.167, 299.166



79, 31.167, 349.166

Sweetspot

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



79, 31.169, 119.169



99, 11.867, 120.358



69, 19.497, 46.196



53, 8.246, 120.269



0, 0.000, 0.000



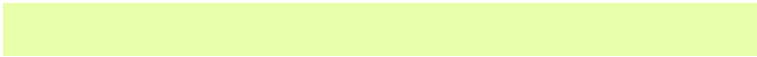
53, 0.007, 296.813

Same Dimension

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



79, 31.169, 119.169



97, 44.420, 118.823



77, 35.256, 136.365



43, 6.240, 120.341



63, 73.461, 118.580



14, 22.819, 120.708

Inverse Universe

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



63, 33.055, 302.911



74, 47.763, 303.412



66, 35.814, 319.047



40, 6.361, 301.469



21, 94.351, 308.096



2, 23.842, 299.518

Previews

White Background



This preview shows how the CIELCh color 79, 31.167, 119.166 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, 31.167, 119.166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

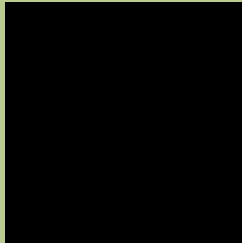
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 31.167, 119.166

Background



This preview shows how black text looks on a background with the CIELCh color 79, 31.167, 119.166.



This preview shows how white text looks on a background with the CIELCh color 79, 31.167, 119.166.

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, 31.167, 119.166

Protanopia
79, 29.220, 95.429

Deuteranopia
79, 27.516, 68.423



Tritanopia
79, 8.036, 293.448

Trichromacy



Original Color
79, 31.167, 119.166

Protanomaly
79, 29.533, 105.104

Deuteranomaly
79, 25.908, 88.684

Tritanomaly
79, 6.669, 125.831

Monochromacy



Original Color
79, 31.167, 119.166

Achromatopsia
77, 0.009, 296.813

Achromatomaly
78, 11.437, 120.643

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 31.167, 119.166 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(186, 202, 144)` looks like.

```
.text, #text, p{  
    color:rgb(186, 202, 144)  
}
```

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(186, 202, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 202, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 31.167, 119.166 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(186, 202, 144) }
```

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

```
.border{ border-color:rgb(186, 202, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 202, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 202, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 202, 144);  
box-shadow:4px 4px 4px 4px rgb(186, 202,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 31.167, 119.166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 202, 144) }
```

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

```
.background{ background-color: rgb(186,  
202, 144) }
```

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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