

Converting Colors

CIELCh(79, 24.288, 117.991)

Have a look what the booklet for
CIELCh(79, 24.288, 117.991)
contains.

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Color

CIELCh(79, 24.676, 118.037)

Conversions

Conversions Part 1

Format	Color
Hex	BEC99B
RGB	190, 201, 155
RGB Percent	75%, 79%, 61%
CMY	0.2559, 0.2127, 0.3931
CMYK	0.05, 0.00, 0.23, 0.21
HSL	74°, 30%, 70%
HSV	74°, 23%, 79%
XYZ	47.8958, 54.9284, 38.9811
YIQ	192.4670, 8.2100, -16.6380

Conversions

Conversions Part 2

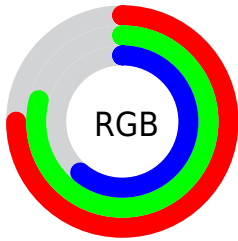
Format	Color
RYB	155, 201, 166
Decimal	12503451
CIELab	79.00, -11.60, 21.78
CIELCh	79, 24.676, 118.037
Yxy	54.9284, 0.3378, 0.3874
Android (android.graphics.Color)	4290693531 (0xFFBEC99B)
YUV	192.4670, -18.4712, -2.1636
Hunter-Lab	74.1137, -14.3436, 20.6952

Details

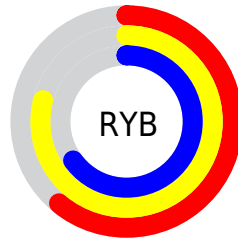
The CIELCh color **79, 24.676, 118.037** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **66, 25.883, 301.164**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 22.953, 115.872**, and **59, 24.431, 118.357** is the 20% darker color. If you saturate the color by 10%, you get **78, 35.248, 117.400**, and if you desaturate by 10%, it is **80, 13.945, 118.686**.

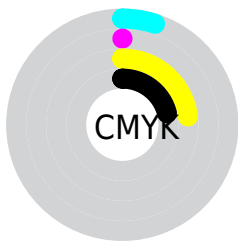
Distribution



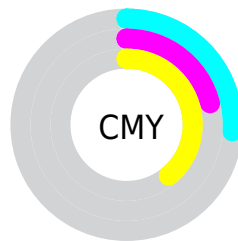
- Red (75%)
- Green (79%)
- Blue (61%)



- Red (61%)
- Yellow (79%)
- Blue (65%)



- Cyan (5%)
- Magenta (0%)
- Yellow (23%)
- Black (21%)





- Cyan (26%)
- Magenta (21%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 24.676, 118.037 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, 24.676, 118.037 by changing the saturation by 10% instead.

 79, 24.676,
118.037

 79, 24.676,
118.037


 100, 24.676,
118.037


 69, 24.676,
118.037


 99, 24.676,
118.037

 59, 24.676,
118.037

 49, 24.676,
118.037

 39, 24.676,
118.037

 29, 24.676,
118.037

 19, 24.676,
118.037

 9, 24.676, 118.037

■ 0, 24.676, 118.037

■ 79, 24.676,
118.037

■ 79, 24.676,
118.037

■ 78, 35.248,
117.400

■ 80, 13.945,
118.686

■ 78, 45.523,
116.793

■ 81, 3.140, 119.327

■ 77, 55.300,
116.258

■ 82, 7.677, 299.925

■ 77, 64.284,
115.856

■ 82, 18.462,
300.508

■ 76, 72.063,
115.666

■ 84, 29.114,
301.073

■ 76, 78.147,
115.787

■ 84, 29.393,
304.176

■ 84, 29.754,

■ 75, 82.130,
116.312

307.245

■ 75, 83.915,
116.883

■ 85, 30.195,
310.262

■ 85, 30.714,
313.213

Harmonies

Complementary

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



79, 24.676, 118.037



66, 25.883, 301.164

Rectangle

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



79, 24.676, 118.037



79, 24.676, 168.037



79, 24.676, 298.037



79, 24.676, 348.037

Sweetspot

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



79, 24.678, 118.040



99, 9.183, 119.059



71, 15.336, 42.716



53, 5.967, 119.020



0, 0.000, 0.000



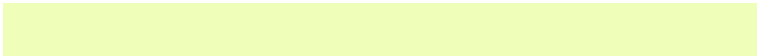
53, 0.007, 296.813

Same Dimension

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



79, 24.678, 118.040



97, 35.239, 117.752



77, 27.712, 135.702



42, 6.081, 118.913



62, 71.888, 116.696



12, 20.986, 119.669

Inverse Universe

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



66, 25.883, 301.164



79, 37.346, 301.553



68, 28.128, 317.755



39, 6.203, 300.115



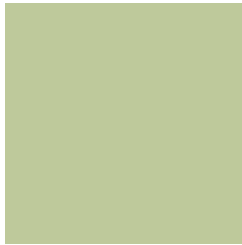
20, 93.794, 307.696



2, 21.717, 298.022

Previews

White Background



This preview shows how the CIELCh color 79, 24.676, 118.037 looks on a white background.

Color Contrast Check

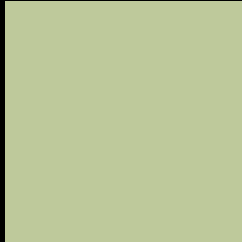
Large Text (above 18pt) WCAG AA × Fail

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, 24.676, 118.037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

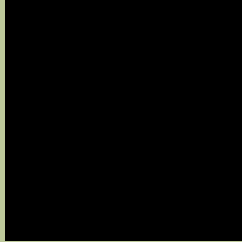
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

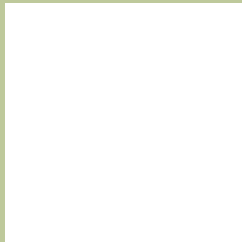
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 24.676, 118.037

Background



This preview shows how black text looks on a background with the CIELCh color 79, 24.676, 118.037.



This preview shows how white text looks on a background with the CIELCh color 79, 24.676, 118.037.

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, 24.676, 118.037

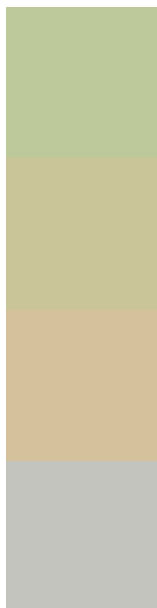
Protanopia
79, 23.394, 95.186

Deuteranopia
79, 23.001, 65.488



Tritanopia
79, 8.702, 300.396

Trichromacy



Original Color
79, 24.676, 118.037

Protanomaly
79, 23.335, 104.119

Deuteranomaly
79, 21.271, 86.242

Tritanomaly
79, 3.804, 121.070

Monochromacy



Original Color
79, 24.676, 118.037

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 9.195, 118.802

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 24.676, 118.037 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(190, 201, 155)` looks like.

```
.text, #text, p{  
    color:rgb(190, 201, 155)  
}
```

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(190, 201, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 201, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 24.676, 118.037 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(190, 201, 155) }
```

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

```
.border{ border-color:rgb(190, 201, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 201, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 201, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 201, 155);  
box-shadow:4px 4px 4px 4px rgb(190, 201,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 24.676, 118.037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 201, 155) }
```

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

```
.background{ background-color: rgb(190,  
201, 155) }
```

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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