

Converting Colors

CIELCh(79, 23.109, 121.945)

Have a look what the booklet for
CIELCh(79, 23.109, 121.945)
contains.

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Color

CIELCh(79, 22.887, 121.907)

Conversions

Conversions Part 1

Format	Color
Hex	BBC99F
RGB	187, 201, 159
RGB Percent	73%, 79%, 62%
CMY	0.2661, 0.2112, 0.3759
CMYK	0.07, 0.00, 0.21, 0.21
HSL	80°, 28%, 71%
HSV	80°, 21%, 79%
XYZ	47.7162, 54.9284, 40.9495
YIQ	192.0260, 5.1380, -16.0300

Conversions

Conversions Part 2

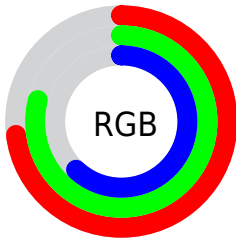
Format	Color
RYB	159, 201, 173
Decimal	12306847
CIELab	79.00, -12.10, 19.43
CIELCh	79, 22.887, 121.907
Yxy	54.9284, 0.3323, 0.3825
Android (android.graphics.Color)	4290496927 (0xFFBBC99F)
YUV	192.0260, -16.2818, -4.4078
Hunter-Lab	74.1137, -14.7762, 19.1205

Details

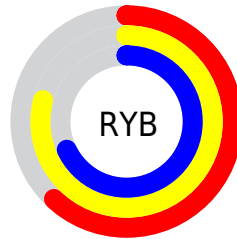
The CIELCh color **79, 22.887, 121.907** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **68, 23.788, 304.304**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 21.239, 120.584**, and **59, 23.014, 121.260** is the 20% darker color. If you saturate the color by 10%, you get **78, 33.708, 121.350**, and if you desaturate by 10%, it is **80, 11.945, 122.469**.

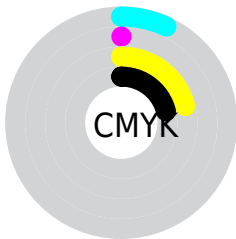
Distribution



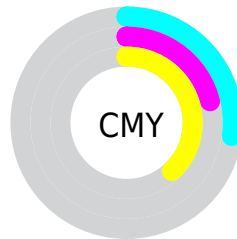
- Red (73%)
- Green (79%)
- Blue (62%)



- Red (62%)
- Yellow (79%)
- Blue (68%)



- Cyan (7%)
- Magenta (0%)
- Yellow (21%)
- Black (21%)




- Cyan (27%)
- Magenta (21%)
- Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 22.887, 121.907 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, 22.887, 121.907 by changing the saturation by 10% instead.

 79, 22.887,
121.907

 79, 22.887,
121.907


 100, 22.887,
121.907

 69, 22.887,
121.907


 99, 22.887,
121.907

 59, 22.887,
121.907

 49, 22.887,
121.907

 39, 22.887,
121.907

 29, 22.887,
121.907

 19, 22.887,
121.907

 9, 22.887, 121.907

■ 0, 22.887, 121.907

■ 79, 22.887,
121.907

■ 79, 22.887,
121.907

■ 78, 33.708,
121.350

■ 80, 11.945,
122.469

■ 77, 44.278,
120.815

■ 81, 0.961, 123.067

■ 77, 54.412,
120.343

■ 82, 10.002,
303.510

■ 76, 63.840,
119.994

■ 83, 20.903,
303.994


■ 75, 72.175,
119.855


■ 84, 29.302,
305.356


■ 75, 78.942,
120.034


■ 85, 29.873,
309.633

 74, 83.699,
120.642

 85, 30.599,
313.784

 74, 86.432,
121.541

 86, 31.473,
317.775

 86, 32.488,
321.580

Harmonies

Complementary

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



79, 22.887, 121.907



68, 23.788, 304.304

Rectangle

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



79, 22.887, 121.907



79, 22.887, 171.907



79, 22.887, 301.907



79, 22.887, 351.907

Sweetspot

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



79, 22.889, 121.910



99, 7.979, 122.735



73, 13.500, 54.071



53, 5.293, 122.698



0, 0.000, 0.000



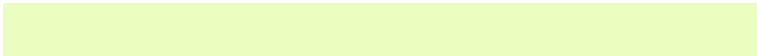
53, 0.007, 296.813

Same Dimension

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



79, 22.889, 121.910



97, 33.169, 121.659



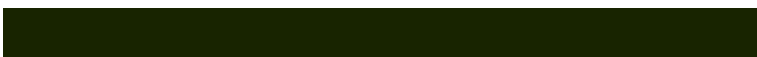
78, 26.090, 138.727



42, 6.166, 122.553



61, 73.889, 121.311



12, 21.574, 124.378

Inverse Universe

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



68, 23.788, 304.304



81, 34.782, 304.616



70, 26.301, 320.739



39, 6.277, 303.568



22, 92.340, 308.877



2, 21.874, 300.520

Previews

White Background



This preview shows how the CIELCh color 79, 22.887, 121.907 looks on a white background.

Color Contrast Check

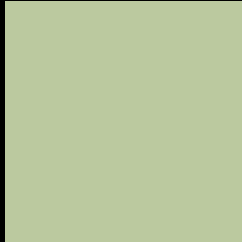
Large Text (above 18pt) WCAG AA × Fail

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, 22.887, 121.907 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

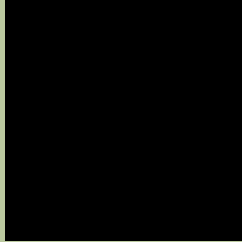
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 22.887, 121.907

Background



This preview shows how black text looks on a background with the CIELCh color 79, 22.887, 121.907.

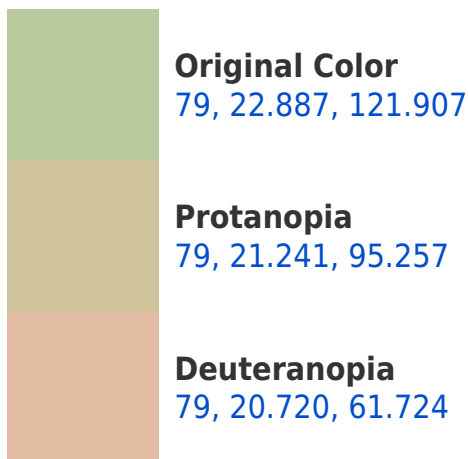


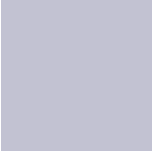
This preview shows how white text looks on a background with the CIELCh color 79, 22.887, 121.907.

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](#).

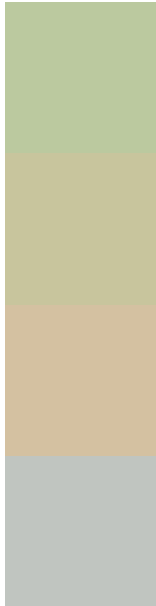
Dichromacy





Tritanopia
79, 8.558, 290.957

Trichromacy



Original Color
79, 22.887, 121.907

Protanomaly
79, 21.216, 105.023

Deuteranomaly
79, 18.642, 84.746

Tritanomaly
79, 3.251, 144.380

Monochromacy



Original Color
79, 22.887, 121.907

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 8.230, 122.645

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 22.887, 121.907 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(187, 201, 159)` looks like.

```
.text, #text, p{  
    color:rgb(187, 201, 159)  
}
```

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(187, 201, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 201, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 22.887, 121.907 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(187, 201, 159) }
```

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

```
.border{ border-color:rgb(187, 201, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 201, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 201, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 201, 159);  
box-shadow:4px 4px 4px 4px rgb(187, 201,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 22.887, 121.907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 201, 159) }
```

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

```
.background{ background-color: rgb(187,  
201, 159) }
```

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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