

Converting Colors

CIELCh(79, 21.930, 121.937)

Have a look what the booklet for
CIELCh(79, 21.930, 121.937)
contains.

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Color

CIELCh(79, 21.771, 121.639)

Conversions

Conversions Part 1

Format	Color
Hex	BCC9A1
RGB	188, 201, 161
RGB Percent	74%, 79%, 63%
CMY	0.2634, 0.2124, 0.3693
CMYK	0.06, 0.00, 0.20, 0.21
HSL	80°, 27%, 71%
HSV	80°, 20%, 79%
XYZ	47.9603, 54.9284, 41.7147
YIQ	192.5530, 5.0920, -15.1960

Conversions

Conversions Part 2

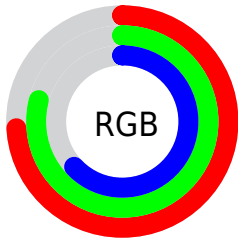
Format	Color
RYB	161, 201, 174
Decimal	12372385
CIELab	79.00, -11.42, 18.54
CIElCh	79, 21.771, 121.639
Yxy	54.9284, 0.3317, 0.3799
Android (android.graphics.Color)	4290562465 (0xFFBCC9A1)
YUV	192.5530, -15.5556, -3.9930
Hunter-Lab	74.1137, -14.1884, 18.5083

Details

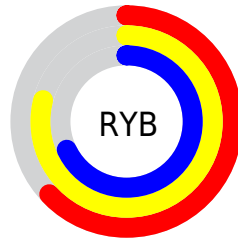
The CIELCh color **79, 21.771, 121.639** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **68, 22.595, 303.948**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 20.173, 120.214**, and **59, 21.945, 122.006** is the 20% darker color. If you saturate the color by 10%, you get **78, 32.576, 121.076**, and if you desaturate by 10%, it is **80, 10.853, 122.207**.

Distribution



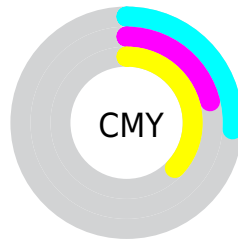
- Red (74%)
- Green (79%)
- Blue (63%)



- Red (63%)
- Yellow (79%)
- Blue (68%)



- Cyan (6%)
- Magenta (0%)
- Yellow (20%)
- Black (21%)




- Cyan (26%)
- Magenta (21%)
- Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 21.771, 121.639 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, 21.771, 121.639 by changing the saturation by 10% instead.


 79, 21.771,
121.639

 79, 21.771,
121.639


 100, 21.771,
121.639


 69, 21.771,
121.639

 99, 21.771,
121.639

 59, 21.771,
121.639

 49, 21.771,
121.639

 39, 21.771,
121.639

 29, 21.771,
121.639

 19, 21.771,
121.639

 9, 21.771, 121.639

■ 0, 21.771, 121.639

■ 79, 21.771,
121.639

■ 79, 21.771,
121.639

■ 78, 32.576,
121.076

■ 80, 10.853,
122.207

■ 77, 43.144,
120.531

■ 81, 0.102, 302.180

■ 77, 53.297,
120.045

■ 82, 11.034,
303.257

■ 76, 62.773,
119.675

■ 83, 21.903,
303.745

■ 75, 71.199,
119.504

■ 84, 29.479,
305.366

■ 75, 78.105,
119.638

■ 85, 30.032,
309.506

■ 75, 83.036,
120.190

■ 85, 30.730,
313.530

■ 74, 86.079,
121.147

■ 86, 31.569,
317.407

■ 74, 86.103,
121.155

■ 86, 32.541,
321.112

Harmonies

Complementary

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



79, 21.771, 121.639



68, 22.595, 303.948

Rectangle

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



79, 21.771, 121.639



79, 21.771, 171.639



79, 21.771, 301.639



79, 21.771, 351.639

Sweetspot

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



79, 21.773, 121.642



99, 7.968, 122.422



73, 12.836, 52.208



53, 5.286, 122.384



0, 0.000, 0.000



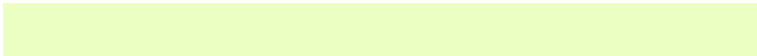
53, 0.007, 296.813

Same Dimension

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



79, 21.773, 121.642



97, 31.806, 121.391



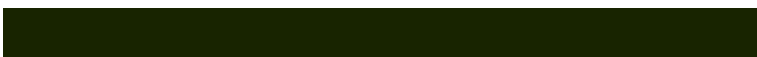
78, 24.714, 138.313



42, 6.158, 122.237



61, 73.698, 120.930



12, 21.517, 123.984

Inverse Universe

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



68, 22.595, 303.948



82, 33.302, 304.258



70, 24.927, 320.192



39, 6.270, 303.267



22, 92.479, 308.757



2, 21.857, 300.287

Previews

White Background



This preview shows how the CIELCh color 79, 21.771, 121.639 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, 21.771, 121.639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

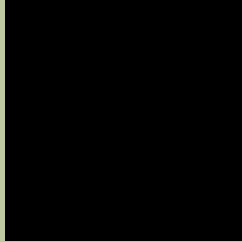
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

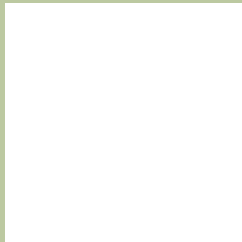
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 21.771, 121.639

Background



This preview shows how black text looks on a background with the CIELCh color 79, 21.771, 121.639.



This preview shows how white text looks on a background with the CIELCh color 79, 21.771, 121.639.

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, 21.771, 121.639

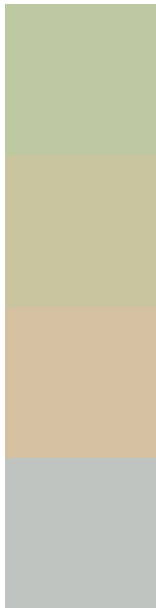
Protanopia
79, 20.211, 94.725

Deuteranopia
79, 20.030, 61.462



Tritanopia
79, 8.570, 293.332

Trichromacy



Original Color
79, 21.771, 121.639

Protanomaly
79, 20.166, 104.965

Deuteranomaly
79, 17.986, 85.310

Tritanomaly
79, 2.600, 144.427

Monochromacy



Original Color
79, 21.771, 121.639

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 7.712, 123.570

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 21.771, 121.639 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(188, 201, 161)` looks like.

```
.text, #text, p{  
    color:rgb(188, 201, 161)  
}
```

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(188, 201, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 201, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 21.771, 121.639 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(188, 201, 161) }
```

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

```
.border{ border-color:rgb(188, 201, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 201, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 201, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 201, 161);  
box-shadow:4px 4px 4px 4px rgb(188, 201,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 21.771, 121.639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 201, 161) }
```

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

```
.background{ background-color: rgb(188,  
201, 161) }
```

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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