

Converting Colors

CIELCh(79, 19.705, 121.390)

Have a look what the booklet for
CIELCh(79, 19.705, 121.390)
contains.

CIELCh(79, 19.556, 120.989)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(79, 19.556, 120.989)

Conversions

Conversions Part 1

Format	Color
Hex	BDC8A4
RGB	189, 200, 164
RGB Percent	74%, 78%, 64%
CMY	0.2581, 0.2149, 0.3561
CMYK	0.05, 0.00, 0.18, 0.21
HSL	78°, 25%, 71%
HSV	78°, 18%, 79%
XYZ	48.4505, 54.9284, 43.2587
YIQ	192.6070, 5.0000, -13.5280

Conversions

Conversions Part 2

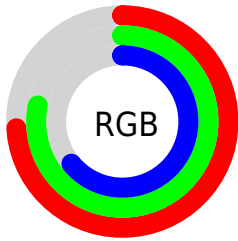
Format	Color
RYB	164, 200, 175
Decimal	12437668
CIELab	79.00, -10.07, 16.76
CIELCh	79, 19.556, 120.989
Yxy	54.9284, 0.3304, 0.3746
Android (android.graphics.Color)	4290627748 (0xFFBDC8A4)
YUV	192.6070, -14.1033, -3.1633
Hunter-Lab	74.1137, -13.0079, 17.2731

Details

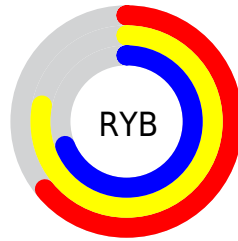
The CIELCh color **79, 19.556, 120.989** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **69, 20.239, 303.127**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 18.613, 120.119**, and **59, 19.610, 121.420** is the 20% darker color. If you saturate the color by 10%, you get **78, 30.323, 120.409**, and if you desaturate by 10%, it is **80, 8.691, 121.572**.

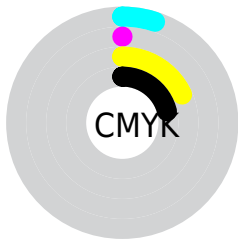
Distribution



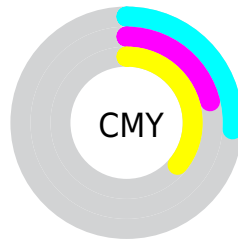
- Red (74%)
- Green (78%)
- Blue (64%)



- Red (64%)
- Yellow (78%)
- Blue (69%)



- Cyan (5%)
- Magenta (0%)
- Yellow (18%)
- Black (21%)





- Cyan (26%)
- Magenta (21%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 19.556, 120.989 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, 19.556, 120.989 by changing the saturation by 10% instead.


 79, 19.556,
120.989


 79, 19.556,
120.989


 100, 19.556,
120.989


 69, 19.556,
120.989


 99, 19.556,
120.989

 59, 19.556,
120.989

 49, 19.556,
120.989

 39, 19.556,
120.989

 29, 19.556,
120.989

 19, 19.556,
120.989

 9, 19.556, 120.989

0, 19.556, 120.989

79, 19.556,
120.989

79, 19.556,
120.989

78, 30.323,
120.409

80, 8.691, 121.572

77, 40.875,
119.843

81, 2.201, 302.100

77, 51.051,
119.327

82, 13.068,
302.647

76, 60.608,
118.915

83, 23.870,
303.145

76, 69.195,
118.681

84, 29.815,
305.202

75, 76.356,
118.727

84, 30.320,
309.042

85, 30.952,

■ 75, 81.617,
119.163

312.787

■ 74, 84.826,
120.039

■ 85, 31.707,
316.410

■ 74, 85.376,
120.229

■ 86, 32.579,
319.892

Harmonies

Complementary

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



79, 19.556, 120.989



69, 20.239, 303.127

Rectangle

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



79, 19.556, 120.989



79, 19.556, 170.989



79, 19.556, 300.989



79, 19.556, 350.989

Sweetspot

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



79, 19.558, 120.992



99, 6.618, 121.740



73, 11.513, 50.391



53, 4.516, 121.699



0, 0.000, 0.000



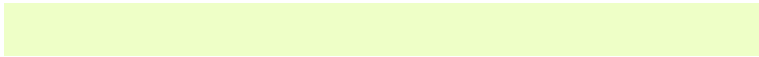
53, 0.007, 296.813

Same Dimension

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



79, 19.558, 120.992



98, 29.077, 120.740



78, 22.138, 137.943



42, 6.139, 121.492



61, 73.259, 120.014



12, 21.387, 123.041

Inverse Universe

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



69, 20.239, 303.127



83, 30.353, 303.435



71, 22.330, 319.598



39, 6.253, 302.557



21, 92.800, 308.486



2, 21.821, 299.751

Previews

White Background



This preview shows how the CIELCh color 79, 19.556, 120.989 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, 19.556, 120.989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

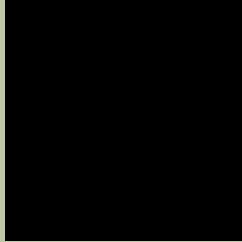
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

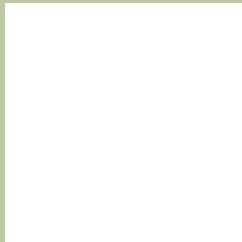
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 19.556, 120.989

Background



This preview shows how black text looks on a background with the CIELCh color 79, 19.556, 120.989.

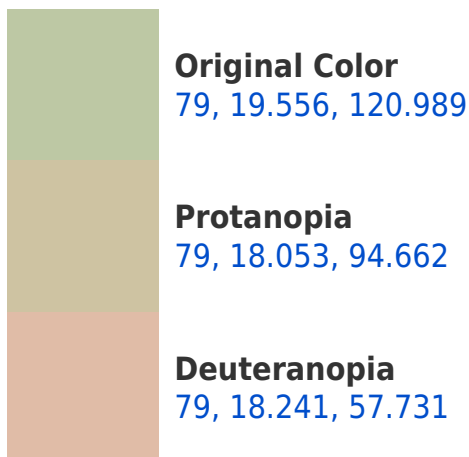


This preview shows how white text looks on a background with the CIELCh color 79, 19.556, 120.989.

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](#).

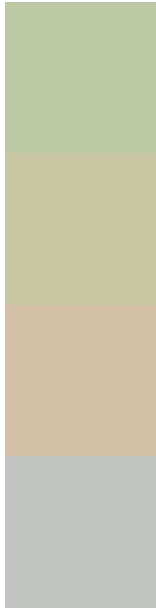
Dichromacy





Tritanopia
79, 8.065, 295.980

Trichromacy



Original Color
79, 19.556, 120.989

Protanomaly
79, 18.062, 104.793

Deuteranomaly
79, 15.757, 80.583

Tritanomaly
79, 1.761, 134.703

Monochromacy



Original Color
79, 19.556, 120.989

Achromatopsia
78, 0.009, 296.813

Achromatomaly
79, 7.095, 121.729

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 19.556, 120.989 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(189, 200, 164)` looks like.

```
.text, #text, p{  
    color:rgb(189, 200, 164)  
}
```

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(189, 200, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 200, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 19.556, 120.989 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(189, 200, 164) }
```

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

```
.border{ border-color:rgb(189, 200, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 200, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 200, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 200, 164);  
box-shadow:4px 4px 4px 4px rgb(189, 200,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 19.556, 120.989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 200, 164) }
```

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

```
.background{ background-color: rgb(189,  
200, 164) }
```

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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