

Converting Colors

CIELCh(79, 19.800, 107.537)

Have a look what the booklet for
CIELCh(79, 19.800, 107.537)
contains.

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Color

CIELCh(79, 20.121, 107.214)

Conversions

Conversions Part 1

Format	Color
Hex	C7C6A0
RGB	199, 198, 160
RGB Percent	78%, 78%, 63%
CMY	0.2205, 0.2244, 0.3734
CMYK	0.00, 0.00, 0.20, 0.22
HSL	58°, 26%, 70%
HSV	58°, 20%, 78%
XYZ	49.9632, 54.9284, 41.1278
YIQ	193.9670, 12.7940, -11.6060

Conversions

Conversions Part 2

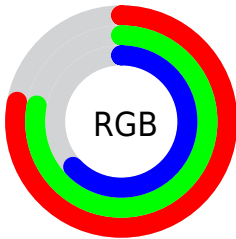
Format	Color
RYB	161, 199, 160
Decimal	13092512
CIELab	79.00, -5.95, 19.22
CIELCh	79, 20.121, 107.214
Yxy	54.9284, 0.3422, 0.3762
Android (android.graphics.Color)	4291282592 (0xFFC7C6A0)
YUV	193.9670, -16.7457, 4.4139
Hunter-Lab	74.1137, -9.3646, 18.9779

Details

The CIELCh color **79, 20.121, 107.214** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **67, 21.001, 291.380**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **99, 20.216, 108.647**, and **59, 20.169, 106.627** is the 20% darker color. If you saturate the color by 10%, you get **78, 30.241, 106.231**, and if you desaturate by 10%, it is **80, 9.884, 108.204**.

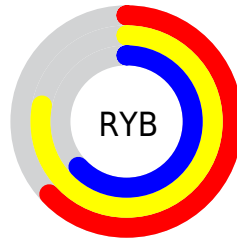
Distribution



Red (78%)

Green (78%)

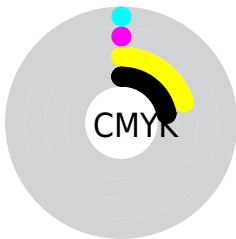
Blue (63%)



Red (63%)

Yellow (78%)

Blue (63%)

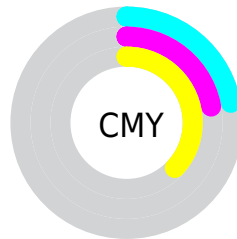


Cyan (0%)

Magenta (0%)

Yellow (20%)

Black (22%)



Cyan (22%)


Magenta (22%)


Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 20.121, 107.214 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, 20.121, 107.214 by changing the saturation by 10% instead.


 79, 20.121,
107.214

 79, 20.121,
107.214


 100, 20.121,
107.214


 69, 20.121,
107.214


 99, 20.121,
107.214

 59, 20.121,
107.214

 49, 20.121,
107.214

 39, 20.121,
107.214

 29, 20.121,
107.214

 19, 20.121,
107.214

 9, 20.121, 107.214

■ 0, 20.121, 107.214

■ 79, 20.121,
107.214

■ 79, 20.121,
107.214

■ 78, 30.241,
106.231

■ 80, 9.884, 108.204

■ 78, 40.129,
105.258

■ 80, 0.406, 289.367

■ 78, 49.614,
104.323

■ 81, 10.702,
290.142

■ 77, 58.431,
103.452

■ 82, 20.974,
291.057

■ 77, 66.194,
102.678

■ 82, 29.000,
291.679

■ 77, 72.408,
102.038

■ 82, 28.720,
291.317

■ 83, 28.441,

■ 77, 76.584,
101.560

290.947

■ 76, 78.755,
101.232

■ 83, 28.163,
290.570

■ 76, 78.828,
101.220

■ 83, 27.887,
290.187

Harmonies

Complementary

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



79, 20.121, 107.214



67, 21.001, 291.380

Rectangle

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



79, 20.121, 107.214



79, 20.121, 157.214



79, 20.121, 287.214



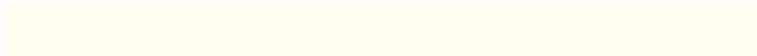
79, 20.121, 337.214

Sweetspot

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



79, 20.123, 107.219



100, 7.549, 108.545



69, 15.363, 18.167



53, 5.008, 108.481



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, 20.123, 107.219



98, 30.083, 106.750



78, 21.893, 126.988



42, 5.832, 108.226



64, 68.114, 101.244



13, 19.704, 104.632

Inverse Universe

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



67, 21.001, 291.380



81, 31.758, 292.034



68, 22.529, 308.842



38, 5.955, 290.133



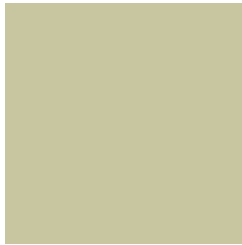
19, 94.592, 305.931



1, 21.121, 291.104

Previews

White Background



This preview shows how the CIELCh color 79, 20.121, 107.214 looks on a white background.

Color Contrast Check

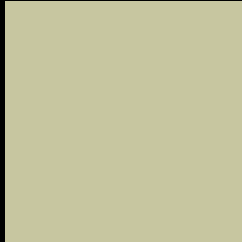
Large Text (above 18pt) WCAG AA × Fail

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, 20.121, 107.214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

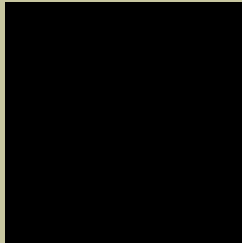
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

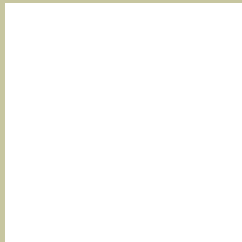
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 20.121, 107.214

Background



This preview shows how black text looks on a background with the CIELCh color 79, 20.121, 107.214.



This preview shows how white text looks on a background with the CIELCh color 79, 20.121, 107.214.

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, 20.121, 107.214

Protanopia

79, 19.696, 94.434

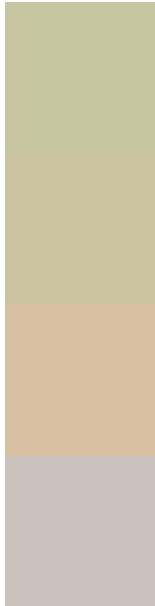
Deuteranopia

79, 20.720, 61.724



Tritanopia
79, 9.542, 322.982

Trichromacy



Original Color
79, 20.121, 107.214

Protanomaly
79, 19.872, 99.209

Deuteranomaly
79, 19.119, 78.677

Tritanomaly
79, 4.292, 49.263

Monochromacy



Original Color
79, 20.121, 107.214

Achromatopsia
78, 0.009, 296.813

Achromatomaly
79, 6.927, 106.416

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 20.121, 107.214 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(199, 198, 160)` looks like.

```
.text, #text, p{  
    color:rgb(199, 198, 160)  
}
```

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(199, 198, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 198, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 20.121, 107.214 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(199, 198, 160) }
```

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

```
.border{ border-color:rgb(199, 198, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 198, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 198, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 198, 160);  
box-shadow:4px 4px 4px 4px rgb(199, 198,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 20.121, 107.214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 198, 160) }
```

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

```
.background{ background-color: rgb(199,  
198, 160) }
```

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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