

Converting Colors

CIELCh(79, 20.554, 111.438)

Have a look what the booklet for
CIELCh(79, 20.554, 111.438)
contains.

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Color

CIELCh(79, 20.670, 111.549)

Conversions

Conversions Part 1

Format	Color
Hex	C4C7A0
RGB	196, 199, 160
RGB Percent	77%, 78%, 63%
CMY	0.2326, 0.2208, 0.3737
CMYK	0.02, 0.00, 0.20, 0.22
HSL	65°, 26%, 70%
HSV	65°, 20%, 78%
XYZ	49.3574, 54.9284, 41.1231
YIQ	193.6570, 10.7310, -12.7650

Conversions

Conversions Part 2

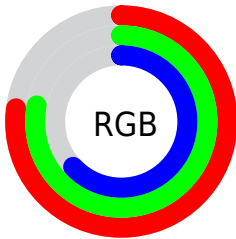
Format	Color
RYB	160, 199, 163
Decimal	12896160
CIELab	79.00, -7.59, 19.23
CIELCh	79, 20.670, 111.549
Yxy	54.9284, 0.3394, 0.3778
Android (android.graphics.Color)	4291086240 (0xFFC4C7A0)
YUV	193.6570, -16.5929, 2.0548
Hunter-Lab	74.1137, -10.8235, 18.9817

Details

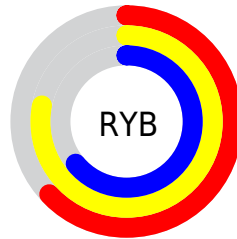
The CIELCh color **79, 20.670, 111.549** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **67, 21.618, 295.114**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **99, 20.237, 110.740**, and **59, 20.742, 111.276** is the 20% darker color. If you saturate the color by 10%, you get **79, 31.035, 110.706**, and if you desaturate by 10%, it is **80, 10.166, 112.401**.

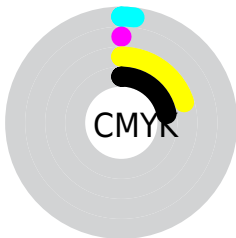
Distribution



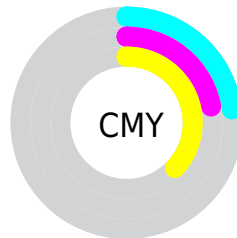
- Red (77%)
- Green (78%)
- Blue (63%)



- Red (63%)
- Yellow (78%)
- Blue (64%)



- Cyan (2%)
- Magenta (0%)
- Yellow (20%)
- Black (22%)



- Cyan (23%)
- Magenta (22%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 20.670, 111.549 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, 20.670, 111.549 by changing the saturation by 10% instead.


 79, 20.670,
111.549

 79, 20.670,
111.549

 100, 20.670,
111.549


 69, 20.670,
111.549


 99, 20.670,
111.549

 59, 20.670,
111.549

 49, 20.670,
111.549

 39, 20.670,
111.549

 29, 20.670,
111.549

 19, 20.670,
111.549

 9, 20.670, 111.549

■ 0, 20.670, 111.549

■ 79, 20.670,
111.549

■ 79, 20.670,
111.549

■ 79, 31.035,
110.706

■ 80, 10.166,
112.401

■ 78, 41.141,
109.881

■ 80, 0.408, 293.326

■ 78, 50.812,
109.107

■ 81, 10.997,
294.057

■ 77, 59.780,
108.421

■ 82, 21.568,
294.837

■ 77, 67.665,
107.875

■ 82, 29.957,
295.628

■ 77, 73.983,
107.529

■ 82, 29.991,
296.580

■ 77, 78.273,
107.439

■ 82, 30.033,
297.534

■ 77, 80.591,
107.601

■ 83, 30.082,
298.489

■ 77, 80.668,
107.608

■ 83, 30.140,
299.444

Harmonies

Complementary

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



79, 20.670, 111.549



67, 21.618, 295.114

Rectangle

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



79, 20.670, 111.549



79, 20.670, 161.549



79, 20.670, 291.549



79, 20.670, 341.549

Sweetspot

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



79, 20.672, 111.553



100, 7.761, 112.697



70, 14.466, 26.234



53, 5.148, 112.642



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, 20.672, 111.553



98, 30.888, 111.151



78, 22.445, 130.504



42, 5.995, 112.421



64, 69.698, 107.542



13, 20.369, 110.576

Inverse Universe

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



67, 21.618, 295.114



81, 32.687, 295.666



69, 22.959, 312.218



38, 6.127, 294.049



19, 95.411, 306.555



1, 21.548, 293.780

Previews

White Background



This preview shows how the CIELCh color 79, 20.670, 111.549 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, 20.670, 111.549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

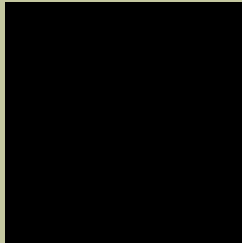
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

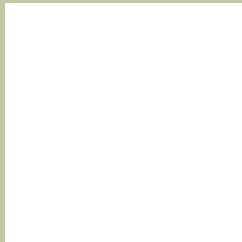
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 20.670, 111.549

Background



This preview shows how black text looks on a background with the CIELCh color 79, 20.670, 111.549.



This preview shows how white text looks on a background with the CIELCh color 79, 20.670, 111.549.

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, 20.670, 111.549

Protanopia

79, 20.211, 94.725

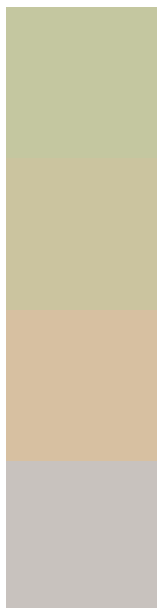
Deuteranopia

79, 20.720, 61.724



Tritanopia
79, 8.841, 314.948

Trichromacy



Original Color
79, 20.670, 111.549

Protanomaly
79, 19.813, 100.343

Deuteranomaly
79, 18.915, 79.726

Tritanomaly
79, 3.070, 63.247

Monochromacy



Original Color
79, 20.670, 111.549

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 7.468, 112.379

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 20.670, 111.549 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(196, 199, 160)` looks like.

```
.text, #text, p{  
    color:rgb(196, 199, 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(196, 199, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 199, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 20.670, 111.549 is called "border". The border property can be set on classes, ids or directly on the HTML element.

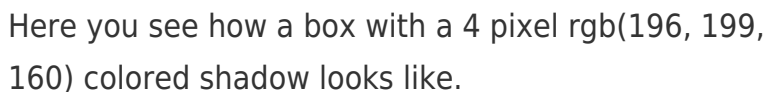
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 199, 160) }
```

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

```
.border{ border-color:rgb(196, 199, 160) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 199, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 199, 160); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 199, 160); box-shadow:4px 4px 4px 4px rgb(196, 199, 160) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 20.670, 111.549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 199, 160) }
```

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

```
.background{ background-color: rgb(196,  
199, 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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