

Converting Colors

CIELCh(67, 19.970, 3.204)

Have a look what the booklet for
CIELCh(67, 19.970, 3.204) contains.

CIELCh(67, 20.217, 2.498)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(67, 20.217, 2.498)

Conversions

Conversions Part 1

Format	Color
Hex	C796A2
RGB	199, 150, 162
RGB Percent	78%, 59%, 64%
CMY	0.2190, 0.4112, 0.3642
CMYK	0.00, 0.25, 0.19, 0.22
HSL	345°, 30%, 68%
HSV	345°, 25%, 78%
XYZ	41.0538, 36.6320, 39.1537
YIQ	166.0190, 25.3520, 14.1200

Conversions

Conversions Part 2

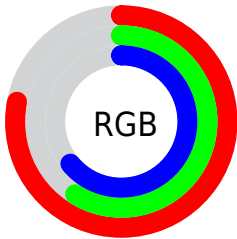
Format	Color
R_{YB}	199, 150, 162
Decimal	13080226
CIE _{Lab}	67.00, 20.20, 0.88
CIE _{LCh}	67, 20.217, 2.498
Yxy	36.6320, 0.3514, 0.3135
Android (android.graphics.Color)	4291270306 (0xFFC796A2)
YUV	166.0190, -1.9814, 28.9243
Hunter-Lab	60.5244, 15.1594, 4.0118

Details

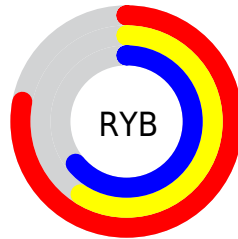
The CIELCh color $67, 20.217, 2.498$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $77, 18.532, 177.584$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 19.977, 1.224$, and $47, 19.922, 3.337$ is the 20% darker color. If you saturate the color by 10%, you get $62, 28.933, 3.930$, and if you desaturate by 10%, it is $72, 11.746, 1.294$.

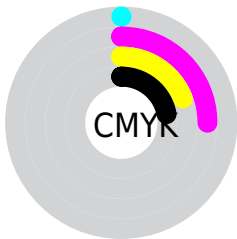
Distribution



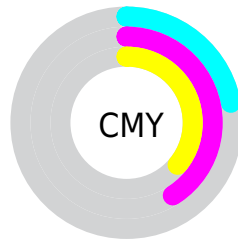
- Red (78%)
- Green (59%)
- Blue (64%)



- Red (78%)
- Yellow (59%)
- Blue (64%)



- Cyan (0%)
- Magenta (25%)
- Yellow (19%)
- Black (22%)



- Cyan (22%)
- Magenta (41%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 20.217, 2.498 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 67, 20.217, 2.498 by changing the saturation by 10% instead.

67, 20.217, 2.498

67, 20.217, 2.498

100, 20.217, 2.498

57, 20.217, 2.498

87, 20.217, 2.498

47, 20.217, 2.498

97, 20.217, 2.498

37, 20.217, 2.498

27, 20.217, 2.498

17, 20.217, 2.498

7, 20.217, 2.498

0, 20.217, 2.498

67, 20.217, 2.498

67, 20.217, 2.498

62, 28.933, 3.930

72, 11.746, 1.294

■ 57, 37.730, 5.665

■ 78, 3.620, 0.183

■ 53, 46.345, 7.815

■ 83, 4.122, 179.559

■ 49, 54.434, 10.523

■ 89, 11.475,
178.708

■ 46, 61.637, 13.949

■ 95, 18.453,
178.002

■ 44, 67.708, 18.230

■ 42, 72.665, 23.362

■ 96, 18.539,
194.085

■ 42, 75.176, 26.224

■ 96, 18.361,
198.291

Harmonies

Complementary

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



67, 20.217, 2.498



77, 18.532, 177.584

Rectangle

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



67, 20.217, 2.498



67, 20.217, 52.498



67, 20.217, 182.498



67, 20.217, 232.498

Sweetspot

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



67, 20.215, 2.502



95, 6.761, 0.471



67, 30.164, 318.350



50, 4.399, 0.539



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



67, 20.215, 2.502



80, 30.450, 3.303



70, 16.354, 44.493



39, 4.501, 0.720



34, 64.434, 25.322



4, 16.317, 6.931

Inverse Universe

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



67, 20.215, 2.502



80, 30.450, 3.303



74, 13.981, 227.085



39, 4.501, 0.720



34, 64.434, 25.322



4, 16.317, 6.931

Previews

White Background



This preview shows how the CIELCh color 67, 20.217, 2.498 looks on a white background.

Color Contrast Check

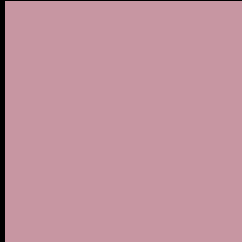
Large Text (above 18pt) WCAG AA × Fail

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 67, 20.217, 2.498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

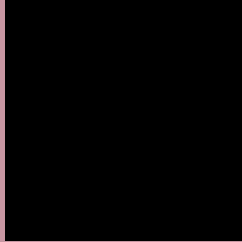
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 20.217, 2.498

Background



This preview shows how black text looks on a background with the CIELCh color 67, 20.217, 2.498.



This preview shows how white text looks on a background with the CIELCh color 67, 20.217, 2.498.

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
67, 20.217, 2.498

Trichromacy



Original Color
67, 20.217, 2.498

Protanomaly
67, 8.814, 345.963

Deuteranomaly
67, 12.900, 5.849

Tritanomaly
67, 20.217, 2.498

Monochromacy



Original Color
67, 20.217, 2.498

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 7.451, 358.416

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 20.217, 2.498 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, 150, 162)` looks like.

```
.text, #text, p{  
    color:rgb(199, 150, 162)  
}
```

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, 150, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 150, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 20.217, 2.498 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, 150, 162) }
```

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

```
.border{ border-color:rgb(199, 150, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 150, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 150, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 150, 162); box-shadow:4px 4px 4px 4px rgb(199, 150, 162) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 20.217, 2.498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 150, 162) }
```

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

```
.background{ background-color: rgb(199,  
150, 162) }
```

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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