

Converting Colors

CIELCh(67, 20.736, 355.195)

Have a look what the booklet for
CIELCh(67, 20.736, 355.195)
contains.

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Color

CIELCh(67, 20.717, 354.784)

Conversions

Conversions Part 1

Format	Color
Hex	C696A7
RGB	198, 150, 167
RGB Percent	78%, 59%, 65%
CMY	0.2233, 0.4116, 0.3449
CMYK	0.00, 0.24, 0.16, 0.22
HSL	339°, 30%, 68%
HSV	339°, 24%, 78%
XYZ	41.1952, 36.6320, 41.4816
YIQ	166.2900, 23.1510, 15.4630

Conversions

Conversions Part 2

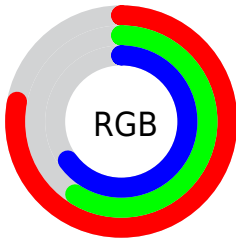
Format	Color
RYB	198, 150, 167
Decimal	13014695
CIELab	67.00, 20.63, -1.88
CIELCh	67, 20.717, 354.784
Yxy	36.6320, 0.3453, 0.3070
Android (android.graphics.Color)	4291204775 (0xFFC696A7)
YUV	166.2900, 0.3500, 27.8097
Hunter-Lab	60.5244, 15.5764, 1.7314

Details

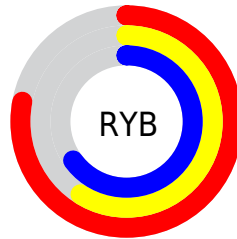
The CIELCh color $67, 20.717, 354.784$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $76, 19.560, 170.012$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 20.859, 354.398$, and $47, 20.391, 354.882$ is the 20% darker color. If you saturate the color by 10%, you get $62, 29.572, 356.104$, and if you desaturate by 10%, it is $72, 11.985, 353.647$.

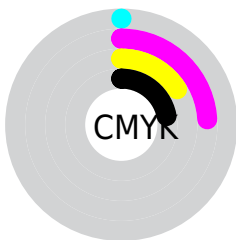
Distribution



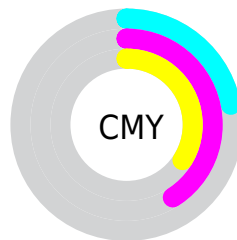
- Red (78%)
- Green (59%)
- Blue (65%)



- Red (78%)
- Yellow (59%)
- Blue (65%)



- Cyan (0%)
- Magenta (24%)
- Yellow (16%)
- Black (22%)




- Cyan (22%)
- Magenta (41%)
- Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 20.717, 354.784 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, 20.717, 354.784 by changing the saturation by 10% instead.

 67, 20.717,
354.784


 67, 20.717,
354.784

 100, 20.717,
354.784


 57, 20.717,
354.784


 87, 20.717,
354.784


 47, 20.717,
354.784


 97, 20.717,
354.784

 37, 20.717,
354.784

 27, 20.717,
354.784

 17, 20.717,
354.784

 7, 20.717, 354.784

 0, 20.717, 354.784

67, 20.717,
354.784

67, 20.717,
354.784

62, 29.572,
356.104

72, 11.985,
353.647

57, 38.354,
357.668

78, 3.505, 352.574

83, 4.662, 171.934

53, 46.762,
359.570

89, 12.494,
171.095

49, 54.406, 1.933

94, 19.989,
170.378

46, 60.869, 4.918

44, 65.841, 8.700

96, 20.067,
181.472

42, 69.309, 13.409

96, 18.694,
198.270

42, 70.997, 16.376

Harmonies

Complementary

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



67, 20.717, 354.784



76, 19.560, 170.012

Rectangle

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



67, 20.717, 354.784



67, 20.717, 44.784



67, 20.717, 174.784



67, 20.717, 224.784

Sweetspot

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



67, 20.715, 354.787



95, 7.147, 352.896



66, 28.810, 314.620



50, 4.649, 352.961



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, 20.715, 354.787



81, 30.620, 355.446



68, 17.180, 32.543



39, 4.751, 353.135



34, 61.321, 15.516



4, 16.774, 1.423

Inverse Universe

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



67, 20.715, 354.787



81, 30.620, 355.446



75, 14.537, 212.226



39, 4.751, 353.135



34, 61.321, 15.516



4, 16.774, 1.423

Previews

White Background



This preview shows how the CIELCh color 67, 20.717, 354.784 looks on a white background.

Color Contrast Check

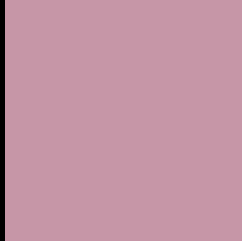
Large Text (above 18pt) WCAG AA × Fail

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, 20.717, 354.784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

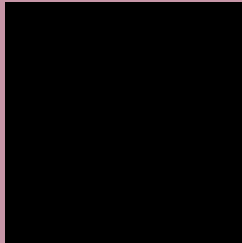
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 20.717, 354.784

Background



This preview shows how black text looks on a background with the CIELCh color 67, 20.717, 354.784.



This preview shows how white text looks on a background with the CIELCh color 67, 20.717, 354.784.

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
67, 20.717, 354.784

Protanopia
67, 6.653, 294.049

Deuteranopia
67, 8.857, 350.387



Tritanopia
67, 18.930, 2.755

Trichromacy



Original Color
67, 20.717, 354.784

Protanomaly
67, 9.929, 334.048

Deuteranomaly
67, 13.044, 353.031

Tritanomaly
67, 19.229, 359.608

Monochromacy



Original Color
67, 20.717, 354.784

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 7.662, 354.581

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 20.717, 354.784 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(198, 150, 167)` looks like.

```
.text, #text, p{  
    color:rgb(198, 150, 167)  
}
```

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(198, 150, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 150, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 20.717, 354.784 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(198, 150, 167) }
```

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

```
.border{ border-color:rgb(198, 150, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 150, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 150, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 150, 167);  
box-shadow:4px 4px 4px 4px rgb(198, 150,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 20.717, 354.784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 150, 167) }
```

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

```
.background{ background-color: rgb(198,  
150, 167) }
```

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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