

Converting Colors

CIELCh(66, 21.307, 5.020)

Have a look what the booklet for
CIELCh(66, 21.307, 5.020) contains.

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Color

CIELCh(66, 21.313, 5.169)

Conversions

Conversions Part 1

Format	Color
Hex	C7939E
RGB	199, 147, 158
RGB Percent	78%, 58%, 62%
CMY	0.2209, 0.4247, 0.3816
CMYK	0.00, 0.26, 0.21, 0.22
HSL	347°, 32%, 68%
HSV	347°, 26%, 78%
XYZ	39.9937, 35.3238, 36.9157
YIQ	163.8020, 27.4610, 14.4450

Conversions

Conversions Part 2

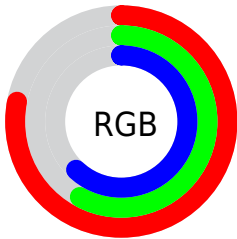
Format	Color
R_{YB}	199, 147, 158
Decimal	13079454
CIE _{Lab}	66.00, 21.23, 1.92
CIE _{LCh}	66, 21.313, 5.169
Yxy	35.3238, 0.3563, 0.3147
Android (android.graphics.Color)	4291269534 (0xFFC7939E)
YUV	163.8020, -2.8604, 30.8686
Hunter-Lab	59.4338, 16.1053, 4.7773

Details

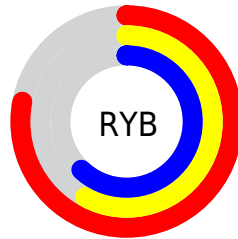
The CIELCh color **66, 21.313, 5.169** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **76, 19.217, 179.961**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 20.972, 3.772**, and **46, 21.240, 4.767** is the 20% darker color. If you saturate the color by 10%, you get **61, 30.031, 6.656**, and if you desaturate by 10%, it is **71, 12.863, 3.934**.

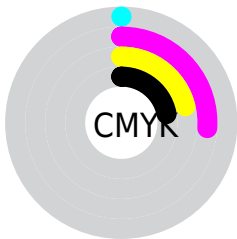
Distribution



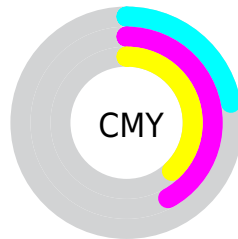
- Red (78%)
- Green (58%)
- Blue (62%)



- Red (78%)
- Yellow (58%)
- Blue (62%)



- Cyan (0%)
- Magenta (26%)
- Yellow (21%)
- Black (22%)



- Cyan (22%)
- Magenta (42%)
- Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 21.313, 5.169 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 66, 21.313, 5.169 by changing the saturation by 10% instead.

 66, 21.313, 5.169  66, 21.313, 5.169

 100, 21.313, 5.169  56, 21.313, 5.169

 86, 21.313, 5.169  46, 21.313, 5.169

 96, 21.313, 5.169  36, 21.313, 5.169

 26, 21.313, 5.169

 16, 21.313, 5.169

 6, 21.313, 5.169

 0, 21.313, 5.169

 66, 21.313, 5.169  66, 21.313, 5.169

 61, 30.031, 6.656  71, 12.863, 3.934

■ 56, 38.853, 8.474

■ 77, 4.783, 2.834

■ 52, 47.516, 10.746

■ 82, 2.893, 182.226

■ 48, 55.686, 13.617

■ 88, 10.160,
181.327

■ 45, 63.025, 17.241

■ 93, 17.036,
180.624

■ 43, 69.326, 21.712

■ 42, 74.636, 26.917

■ 96, 18.749,
193.004

■ 42, 76.625, 28.874

■ 96, 18.507,
198.282

Harmonies

Complementary

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



66, 21.313, 5.169



76, 19.217, 179.961

Rectangle

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



66, 21.313, 5.169



66, 21.313, 55.169



66, 21.313, 185.169



66, 21.313, 235.169

Sweetspot

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



66, 21.311, 5.173



95, 7.641, 3.049



66, 32.287, 319.452



50, 5.452, 3.214



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



66, 21.311, 5.173



80, 31.261, 5.923



69, 17.250, 48.108



39, 4.441, 3.186



34, 65.747, 28.005



3, 16.214, 8.580

Inverse Universe

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



66, 21.311, 5.173



80, 31.261, 5.923



73, 14.710, 231.749



39, 4.441, 3.186



34, 65.747, 28.005



3, 16.214, 8.580

Previews

White Background



This preview shows how the CIELCh color 66, 21.313, 5.169 looks on a white background.

Color Contrast Check

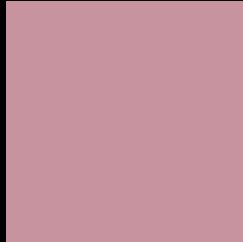
Large Text (above 18pt) WCAG AA × Fail

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 66, 21.313, 5.169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

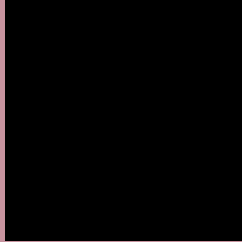
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 21.313, 5.169

Background



This preview shows how black text looks on a background with the CIELCh color 66, 21.313, 5.169.



This preview shows how white text looks on a background with the CIELCh color 66, 21.313, 5.169.

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

66, 21.313, 5.169

Protanopia

66, 2.886, 305.621

Deuteranopia

66, 9.024, 16.711



Tritanopia
66, 21.313, 5.169

Trichromacy



Original Color
66, 21.313, 5.169

Protanomaly
66, 8.637, 353.609

Deuteranomaly
66, 13.630, 9.087

Tritanomaly
66, 21.313, 5.169

Monochromacy



Original Color
66, 21.313, 5.169

Achromatopsia
67, 0.008, 296.813

Achromatomaly
66, 7.677, 3.405

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 21.313, 5.169 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, 147, 158)` looks like.

```
.text, #text, p{  
    color:rgb(199, 147, 158)  
}
```

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, 147, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 147, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 21.313, 5.169 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, 147, 158) }
```

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

```
.border{ border-color:rgb(199, 147, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 147, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 147, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 147, 158);  
box-shadow:4px 4px 4px 4px rgb(199, 147,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 21.313, 5.169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 147, 158) }
```

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

```
.background{ background-color: rgb(199,  
147, 158) }
```

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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