

Converting Colors

CIELCh(66, 20.928, 4.808)

Have a look what the booklet for
CIELCh(66, 20.928, 4.808) contains.

CIELCh(66, 20.928, 4.808)	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(66, 20.928, 4.808)

Conversions

Conversions Part 1

Format	Color
Hex	C6939E
RGB	198, 147, 158
RGB Percent	78%, 58%, 62%
CMY	0.2237, 0.4237, 0.3805
CMYK	0.00, 0.26, 0.20, 0.22
HSL	347°, 31%, 68%
HSV	347°, 26%, 78%
XYZ	39.8747, 35.3238, 37.0477
YIQ	163.5030, 26.8650, 14.2330

Conversions

Conversions Part 2

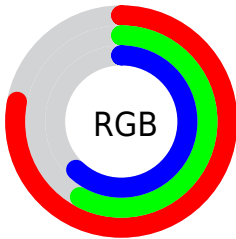
Format	Color
R_{YB}	198, 147, 158
Decimal	13013918
CIE _{Lab}	66.00, 20.85, 1.75
CIE _{LCh}	66, 20.928, 4.808
Yxy	35.3238, 0.3552, 0.3147
Android (android.graphics.Color)	4291203998 (0xFFC6939E)
YUV	163.5030, -2.7130, 30.2539
Hunter-Lab	59.4338, 15.7479, 4.6456

Details

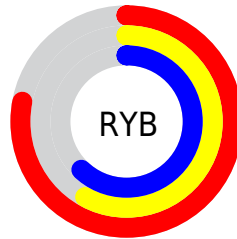
The CIELCh color **66, 20.928, 4.808** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **76, 18.928, 179.685**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 20.972, 3.772**, and **46, 20.832, 4.334** is the 20% darker color. If you saturate the color by 10%, you get **61, 29.612, 6.282**, and if you desaturate by 10%, it is **71, 12.511, 3.581**.

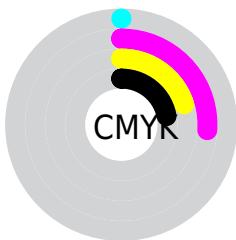
Distribution



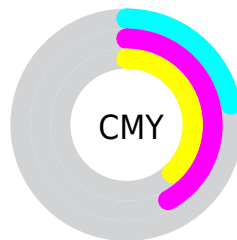
- Red (78%)
- Green (58%)
- Blue (62%)



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



- Cyan (0%)
- Magenta (26%)
- Yellow (20%)
- Black (22%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 20.928, 4.808 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, 20.928, 4.808 by changing the saturation by 10% instead.

 66, 20.928, 4.808

 66, 20.928, 4.808

 100, 20.928, 4.808

 56, 20.928, 4.808

 86, 20.928, 4.808

 46, 20.928, 4.808

 96, 20.928, 4.808

 36, 20.928, 4.808

 26, 20.928, 4.808

 16, 20.928, 4.808

 6, 20.928, 4.808

 0, 20.928, 4.808

 66, 20.928, 4.808

 66, 20.928, 4.808

 61, 29.612, 6.282

 71, 12.511, 3.581

56, 38.402, 8.081

77, 4.459, 2.481

52, 47.037, 10.326

82, 3.191, 181.866

48, 55.184, 13.162

88, 10.436,
180.985

45, 62.503, 16.744

93, 17.295,
180.283

43, 68.779, 21.174

42, 74.045, 26.364

96, 19.017,
192.216

41, 76.211, 28.543

96, 18.721,
198.268

Harmonies

Complementary

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



66, 20.928, 4.808



76, 18.928, 179.685

Rectangle

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



66, 20.928, 4.808



66, 20.928, 54.808



66, 20.928, 184.808



66, 20.928, 234.808

Sweetspot

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



66, 20.926, 4.812



95, 7.653, 2.742



66, 31.692, 319.434



50, 5.460, 2.907



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, 20.926, 4.812



80, 31.289, 5.616



69, 16.908, 48.125



39, 4.448, 2.879



34, 65.579, 27.685



3, 16.226, 8.376

Inverse Universe

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



66, 20.926, 4.812



80, 31.289, 5.616



72, 14.458, 231.703



39, 4.448, 2.879



34, 65.579, 27.685



3, 16.226, 8.376

Previews

White Background



This preview shows how the CIELCh color 66, 20.928, 4.808 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, 20.928, 4.808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

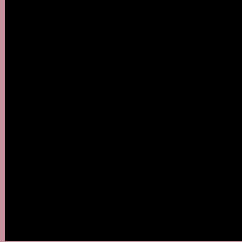
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 20.928, 4.808

Background



This preview shows how black text looks on a background with the CIELCh color 66, 20.928, 4.808.



This preview shows how white text looks on a background with the CIELCh color 66, 20.928, 4.808.

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, 20.928, 4.808

Protanopia

66, 2.886, 305.621

Deuteranopia

66, 9.024, 16.711



Tritanopia
66, 20.928, 4.808

Trichromacy



Original Color
66, 20.928, 4.808

Protanomaly
66, 8.637, 353.609

Deuteranomaly
66, 13.238, 8.691

Tritanomaly
66, 20.928, 4.808

Monochromacy



Original Color
66, 20.928, 4.808

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, 20.928, 4.808 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, 147, 158)` looks like.

```
.text, #text, p{  
    color:rgb(198, 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(198, 147, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 147, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 20.928, 4.808 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, 147, 158) }
```

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

```
.border{ border-color:rgb(198, 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(198, 147, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 147, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 147, 158);  
box-shadow:4px 4px 4px 4px rgb(198, 147,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 20.928, 4.808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 147, 158) }
```

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

```
.background{ background-color: rgb(198,  
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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