

Converting Colors

CIELCh(62, 27.746, 5.354)

Have a look what the booklet for
CIELCh(62, 27.746, 5.354) contains.

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Color

CIELCh(62, 27.983, 5.362)

Conversions

Conversions Part 1

Format	Color
Hex	C68392
RGB	198, 131, 146
RGB Percent	78%, 51%, 57%
CMY	0.2227, 0.4855, 0.4267
CMYK	0.00, 0.34, 0.26, 0.22
HSL	347°, 37%, 65%
HSV	347°, 34%, 78%
XYZ	36.6922, 30.4025, 31.2095
YIQ	152.7430, 35.1170, 18.8690

Conversions

Conversions Part 2

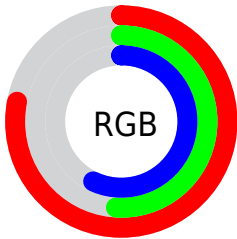
Format	Color
RYB	198, 131, 146
Decimal	13009810
CIELab	62.00, 27.86, 2.61
CIElCh	62, 27.983, 5.362
Yxy	30.4025, 0.3733, 0.3093
Android (android.graphics.Color)	4291199890 (0xFFC68392)
YUV	152.7430, -3.3243, 39.6904
Hunter-Lab	55.1385, 22.2914, 5.0376

Details

The CIELCh color **62, 27.983, 5.362** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **75, 24.540, 178.214**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 27.501, 5.200**, and **42, 27.920, 5.441** is the 20% darker color. If you saturate the color by 10%, you get **57, 36.767, 7.087**, and if you desaturate by 10%, it is **67, 19.324, 3.950**.

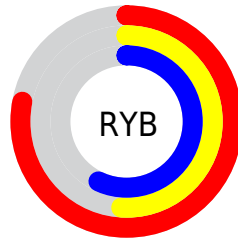
Distribution



Red (78%)

Green (51%)

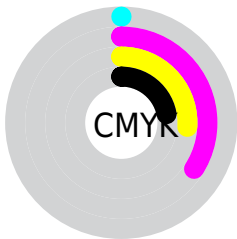
Blue (57%)



Red (78%)

Yellow (51%)

Blue (57%)

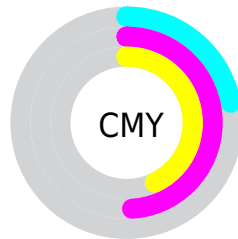


Cyan (0%)

Magenta (34%)

Yellow (26%)

Black (22%)



Cyan (22%)

Magenta (49%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 27.983, 5.362 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 62, 27.983, 5.362 by changing the saturation by 10% instead.

62, 27.983, 5.362

62, 27.983, 5.362

100, 27.983, 5.362

52, 27.983, 5.362

82, 27.983, 5.362

42, 27.983, 5.362

92, 27.983, 5.362

32, 27.983, 5.362

22, 27.983, 5.362

12, 27.983, 5.362

2, 27.983, 5.362

0, 27.983, 5.362

62, 27.983, 5.362

62, 27.983, 5.362

57, 36.767, 7.087

67, 19.324, 3.950

■ 53, 45.438, 9.226

■ 72, 10.952, 2.755

■ 49, 53.670, 11.921

■ 78, 2.948, 1.632

■ 46, 61.109, 15.331

■ 83, 4.658, 181.044

■ 44, 67.501, 19.582

■ 89, 11.866,
180.222

■ 42, 72.832, 24.654

■ 95, 18.694,
179.534

■ 42, 75.890, 27.910

■ 96, 18.707,
196.530

■ 96, 18.644,
198.273

Harmonies

Complementary

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



62, 27.983, 5.362



75, 24.540, 178.214

Rectangle

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



62, 27.983, 5.362



62, 27.983, 55.362



62, 27.983, 185.362



62, 27.983, 235.362

Sweetspot

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



62, 27.981, 5.365



93, 9.645, 2.354



62, 41.573, 319.265



49, 6.604, 2.509



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



62, 27.981, 5.365



74, 42.114, 6.678



66, 23.074, 46.064



39, 4.462, 2.272



34, 65.249, 27.040



3, 16.251, 7.971

Inverse Universe

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



62, 27.981, 5.365



74, 42.114, 6.678



71, 18.528, 230.373



39, 4.462, 2.272



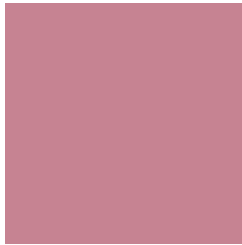
34, 65.249, 27.040



3, 16.251, 7.971

Previews

White Background



This preview shows how the CIELCh color 62, 27.983, 5.362 looks on a white background.

Color Contrast Check

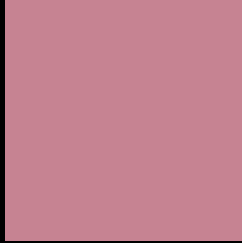
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 62, 27.983, 5.362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

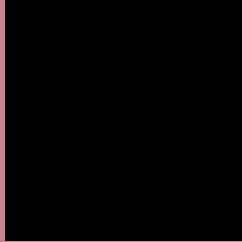
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 27.983, 5.362

Background



This preview shows how black text looks on a background with the CIELCh color 62, 27.983, 5.362.



This preview shows how white text looks on a background with the CIELCh color 62, 27.983, 5.362.

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

62, 27.983, 5.362

Protanopia

62, 4.569, 300.218

Deuteranopia

62, 8.785, 23.836



Tritanopia
62, 27.228, 10.752

Trichromacy



Original Color
62, 27.983, 5.362

Protanomaly
62, 11.250, 350.752

Deuteranomaly
62, 15.449, 10.638

Tritanomaly
62, 27.326, 8.446

Monochromacy



Original Color
62, 27.983, 5.362

Achromatopsia
63, 0.008, 296.813

Achromatomaly
62, 9.998, 0.852

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 27.983, 5.362 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, 131, 146)` looks like.

```
.text, #text, p{  
    color:rgb(198, 131, 146)  
}
```

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, 131, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 131, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 27.983, 5.362 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, 131, 146) }
```

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

```
.border{ border-color:rgb(198, 131, 146) }
```

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

Here you see how a box with a 4 pixel rgb(198, 131, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 131, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 131, 146);  
box-shadow:4px 4px 4px 4px rgb(198, 131,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 27.983, 5.362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 131, 146) }
```

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

```
.background{ background-color: rgb(198,  
131, 146) }
```

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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