

Converting Colors

CIELCh(64, 29.005, 1.115)

Have a look what the booklet for
CIELCh(64, 29.005, 1.115) contains.

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Color

CIELCh(64, 28.653, 1.219)

Conversions

Conversions Part 1

Format	Color
Hex	CC889B
RGB	204, 136, 155
RGB Percent	80%, 53%, 61%
CMY	0.2001, 0.4667, 0.3922
CMYK	0.00, 0.33, 0.24, 0.20
HSL	343°, 40%, 67%
HSV	343°, 33%, 80%
XYZ	39.6105, 32.8017, 35.2440
YIQ	158.4980, 34.4290, 20.3250

Conversions

Conversions Part 2

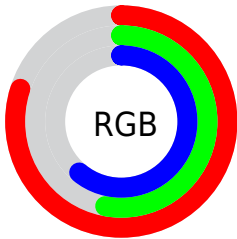
Format	Color
RYB	204, 136, 155
Decimal	13404315
CIELab	64.00, 28.65, 0.61
CIElCh	64, 28.653, 1.219
Yxy	32.8017, 0.3679, 0.3047
Android (android.graphics.Color)	4291594395 (0xFFCC889B)
YUV	158.4980, -1.7245, 39.9053
Hunter-Lab	57.2727, 23.2253, 3.6055

Details

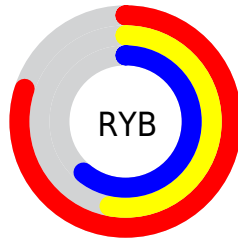
The CIELCh color **64, 28.653, 1.219** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **77, 25.748, 174.099**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 26.093, 359.245**, and **44, 28.588, 0.948** is the 20% darker color. If you saturate the color by 10%, you get **59, 37.611, 2.880**, and if you desaturate by 10%, it is **69, 19.742, 359.843**.

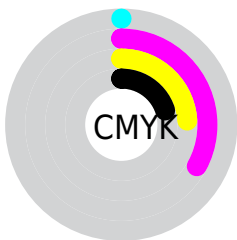
Distribution



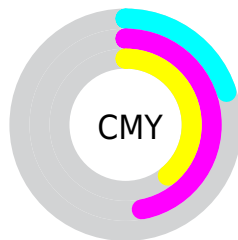
- Red (80%)
- Green (53%)
- Blue (61%)



- Red (80%)
- Yellow (53%)
- Blue (61%)



- Cyan (0%)
- Magenta (33%)
- Yellow (24%)
- Black (20%)



- Cyan (20%)
- Magenta (47%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 28.653, 1.219 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 64, 28.653, 1.219 by changing the saturation by 10% instead.

 64, 28.653, 1.219

 64, 28.653, 1.219

 100, 28.653, 1.219

 54, 28.653, 1.219

 84, 28.653, 1.219

 44, 28.653, 1.219

 94, 28.653, 1.219

 34, 28.653, 1.219

 24, 28.653, 1.219

 14, 28.653, 1.219


 4, 28.653, 1.219

 0, 28.653, 1.219

 64, 28.653, 1.219

 64, 28.653, 1.219

 59, 37.611, 2.880

 69, 19.742,

55, 46.353, 4.919

359.843

51, 54.517, 7.476

75, 11.062,
358.665

47, 61.713, 10.713

80, 2.708, 357.530

45, 67.649, 14.791

86, 5.275, 176.932

44, 72.313, 19.777

92, 12.880,
176.104

43, 75.076, 23.372

96, 18.413,
178.999

97, 16.880,
198.386

Harmonies

Complementary

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



64, 28.653, 1.219



77, 25.748, 174.099

Rectangle

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



64, 28.653, 1.219



64, 28.653, 51.219



64, 28.653, 181.219



64, 28.653, 231.219

Sweetspot

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



64, 28.650, 1.222



93, 9.877, 358.315



64, 41.524, 317.683



49, 6.759, 358.470



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



64, 28.650, 1.222



74, 41.531, 2.380



67, 23.804, 40.927



40, 4.667, 358.236



35, 63.986, 22.439



4, 18.469, 5.910

Inverse Universe

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



64, 28.650, 1.222



74, 41.531, 2.380



74, 18.908, 223.384



40, 4.667, 358.236



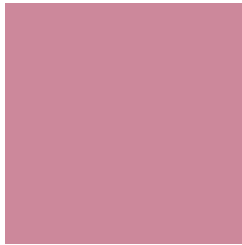
35, 63.986, 22.439



4, 18.469, 5.910

Previews

White Background



This preview shows how the CIELCh color 64, 28.653, 1.219 looks on a white background.

Color Contrast Check

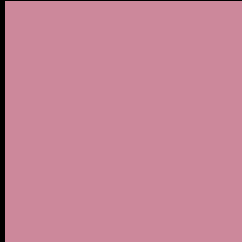
Large Text (above 18pt) WCAG AA × Fail

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 64, 28.653, 1.219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

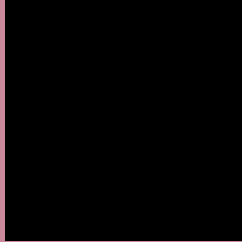
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 28.653, 1.219

Background



This preview shows how black text looks on a background with the CIELCh color 64, 28.653, 1.219.



This preview shows how white text looks on a background with the CIELCh color 64, 28.653, 1.219.

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


64, 28.653, 1.219

Protanopia

64, 6.134, 290.841

Deuteranopia

64, 8.715, 12.904



Tritanopia
64, 27.098, 9.479

Trichromacy



Original Color
64, 28.653, 1.219

Protanomaly
64, 12.386, 341.673

Deuteranomaly
64, 16.007, 4.999

Tritanomaly
64, 27.306, 6.045

Monochromacy



Original Color
64, 28.653, 1.219

Achromatopsia
65, 0.008, 296.813

Achromatomaly
64, 10.483, 358.710

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 28.653, 1.219 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(204, 136, 155)` looks like.

```
.text, #text, p{  
    color:rgb(204, 136, 155)  
}
```

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(204, 136, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 136, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 28.653, 1.219 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(204, 136, 155) }
```

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

```
.border{ border-color:rgb(204, 136, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 136, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 136, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 136, 155);  
box-shadow:4px 4px 4px 4px rgb(204, 136,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 28.653, 1.219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 136, 155) }
```

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

```
.background{ background-color: rgb(204,  
136, 155) }
```

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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