

Converting Colors

CIELCh(64, 28.348, 14.763)

Have a look what the booklet for
CIELCh(64, 28.348, 14.763) contains.

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Color

CIELCh(64, 28.664, 14.812)

Conversions

Conversions Part 1

Format	Color
Hex	CE888F
RGB	206, 136, 143
RGB Percent	81%, 53%, 56%
CMY	0.1913, 0.4659, 0.4385
CMYK	0.00, 0.34, 0.31, 0.19
HSL	354°, 42%, 67%
HSV	354°, 34%, 81%
XYZ	39.3137, 32.8017, 30.3201
YIQ	157.7280, 39.4730, 17.0170

Conversions

Conversions Part 2

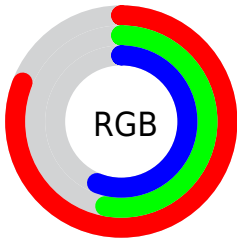
Format	Color
R _Y B	206, 136, 143
Decimal	13535375
CIE Lab	64.00, 27.71, 7.33
CIE LCh	64, 28.664, 14.812
Yxy	32.8017, 0.3838, 0.3202
Android (android.graphics.Color)	4291725455 (0xFFCE888F)
YUV	157.7280, -7.2609, 42.3345
Hunter-Lab	57.2727, 22.3004, 8.7029

Details

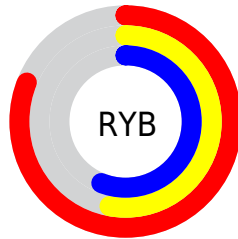
The CIELCh color **64, 28.664, 14.812** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **78, 23.722, 188.531**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 24.981, 13.072**, and **44, 28.784, 14.466** is the 20% darker color. If you saturate the color by 10%, you get **59, 38.040, 16.536**, and if you desaturate by 10%, it is **69, 19.637, 13.444**.

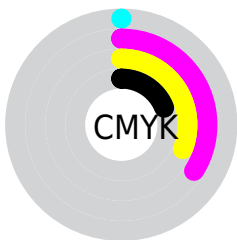
Distribution



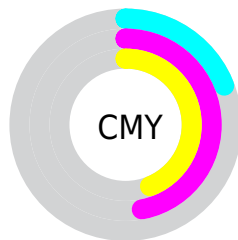
- Red (81%)
- Green (53%)
- Blue (56%)



- Red (81%)
- Yellow (53%)
- Blue (56%)



- Cyan (0%)
- Magenta (34%)
- Yellow (31%)
- Black (19%)



- Cyan (19%)
- Magenta (47%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 28.664, 14.812 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, 28.664, 14.812 by changing the saturation by 10% instead.

64, 28.664, 14.812

64, 28.664, 14.812

100, 28.664,
14.812

54, 28.664, 14.812

84, 28.664, 14.812

44, 28.664, 14.812

94, 28.664, 14.812

34, 28.664, 14.812

24, 28.664, 14.812

14, 28.664, 14.812

4, 28.664, 14.812

0, 28.664, 14.812

64, 28.664, 14.812

64, 28.664, 14.812

59, 38.040, 16.536

69, 19.637, 13.444

■ 54, 47.570, 18.722

■ 75, 11.081, 12.324

■ 50, 56.966, 21.505

■ 81, 3.039, 11.293

■ 47, 65.903, 24.995

■ 86, 4.489, 190.846

■ 45, 74.079, 29.181

■ 92, 11.528,
190.137

■ 44, 81.173, 33.736

■ 97, 16.209,
197.613

■ 43, 84.835, 36.184

■ 97, 16.187,
198.430

Harmonies

Complementary

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



64, 28.664, 14.812



78, 23.722, 188.531

Rectangle

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



64, 28.664, 14.812



64, 28.664, 64.812



64, 28.664, 194.812



64, 28.664, 244.812

Sweetspot

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



64, 28.662, 14.816



93, 9.318, 11.940



65, 44.417, 323.337



49, 6.387, 12.081



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, 28.662, 14.816



73, 41.924, 16.077



71, 23.453, 60.508



40, 4.399, 11.867



34, 71.524, 35.473



4, 17.997, 14.494

Inverse Universe

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



64, 28.662, 14.816



73, 41.924, 16.077



71, 20.066, 248.784



40, 4.399, 11.867



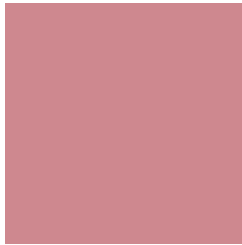
34, 71.524, 35.473



4, 17.997, 14.494

Previews

White Background



This preview shows how the CIELCh color 64, 28.664, 14.812 looks on a white background.

Color Contrast Check

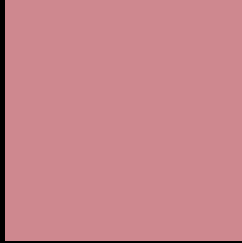
Large Text (above 18pt) WCAG AA × Fail

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 64, 28.664, 14.812 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, 28.664, 14.812

Background



This preview shows how black text looks on a background with the CIELCh color 64, 28.664, 14.812.



This preview shows how white text looks on a background with the CIELCh color 64, 28.664, 14.812.

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, 28.664, 14.812

Protanopia

64, 1.892, 55.188

Deuteranopia

64, 11.685, 45.419



Tritanopia
64, 28.695, 11.528

Trichromacy



Original Color
64, 28.664, 14.812

Protanomaly
64, 11.127, 17.604

Deuteranomaly
64, 17.184, 26.537

Tritanomaly
64, 28.673, 12.621

Monochromacy



Original Color
64, 28.664, 14.812

Achromatopsia
65, 0.008, 296.813

Achromatomaly
64, 10.359, 11.170

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 28.664, 14.812 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(206, 136, 143)` looks like.

```
.text, #text, p{  
    color:rgb(206, 136, 143)  
}
```

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(206, 136, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 136, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 28.664, 14.812 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(206, 136, 143) }
```

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

```
.border{ border-color:rgb(206, 136, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 136, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 136, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 136, 143);  
box-shadow:4px 4px 4px 4px rgb(206, 136,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 28.664, 14.812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 136, 143) }
```

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

```
.background{ background-color: rgb(206,  
136, 143) }
```

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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