

Converting Colors

CIELCh(67, 23.914, 5.236)

Have a look what the booklet for
CIELCh(67, 23.914, 5.236) contains.

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Color

CIELCh(67, 24.209, 4.867)

Conversions

Conversions Part 1

Format	Color
Hex	CE93A0
RGB	206, 147, 160
RGB Percent	81%, 58%, 63%
CMY	0.1913, 0.4227, 0.3717
CMYK	0.00, 0.29, 0.22, 0.19
HSL	347°, 38%, 69%
HSV	347°, 29%, 81%
XYZ	42.3458, 36.6320, 38.1931
YIQ	166.1230, 30.9910, 16.5510

Conversions

Conversions Part 2

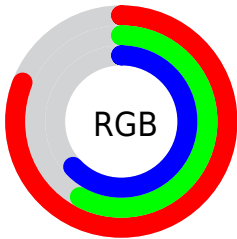
Format	Color
R _Y B	206, 147, 160
Decimal	13538208
CIE Lab	67.00, 24.12, 2.05
CIE LCh	67, 24.209, 4.867
Yxy	36.6320, 0.3614, 0.3126
Android (android.graphics.Color)	4291728288 (0xFFCE93A0)
YUV	166.1230, -3.0186, 34.9721
Hunter-Lab	60.5244, 18.9697, 4.9529

Details

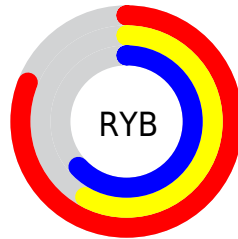
The CIELCh color **67, 24.209, 4.867** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **79, 21.661, 179.028**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 21.238, 1.054**, and **47, 24.292, 4.726** is the 20% darker color. If you saturate the color by 10%, you get **62, 33.238, 6.429**, and if you desaturate by 10%, it is **72, 15.407, 3.575**.

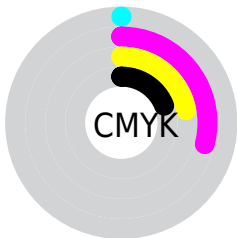
Distribution



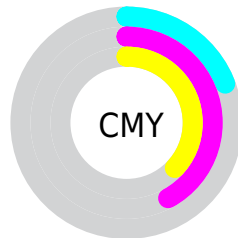
- Red (81%)
- Green (58%)
- Blue (63%)



- Red (81%)
- Yellow (58%)
- Blue (63%)



- Cyan (0%)
- Magenta (29%)
- Yellow (22%)
- Black (19%)



- Cyan (19%)
- Magenta (42%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 24.209, 4.867 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 67, 24.209, 4.867 by changing the saturation by 10% instead.

67, 24.209, 4.867

67, 24.209, 4.867

100, 24.209, 4.867

57, 24.209, 4.867

87, 24.209, 4.867

47, 24.209, 4.867

97, 24.209, 4.867

37, 24.209, 4.867

27, 24.209, 4.867

17, 24.209, 4.867

7, 24.209, 4.867

0, 24.209, 4.867

67, 24.209, 4.867

67, 24.209, 4.867

62, 33.238, 6.429

72, 15.407, 3.575

■ 57, 42.299, 8.349

■ 78, 6.958, 2.454

■ 53, 51.092, 10.755

■ 84, 1.085, 182.077

■ 49, 59.255, 13.800

■ 89, 8.711, 180.855

■ 46, 66.455, 17.637

■ 95, 15.931,
180.118

■ 44, 72.539, 22.334

■ 97, 16.182,
198.430

■ 43, 77.721, 27.644

■ 43, 78.450, 28.345

Harmonies

Complementary

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



67, 24.209, 4.867



79, 21.661, 179.028

Rectangle

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



67, 24.209, 4.867



67, 24.209, 54.867



67, 24.209, 184.867



67, 24.209, 234.867

Sweetspot

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



67, 24.207, 4.871



94, 8.647, 2.507



67, 36.296, 319.046



49, 6.031, 2.667



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



67, 24.207, 4.871



78, 34.540, 5.738



70, 19.758, 46.196



40, 4.550, 2.538



34, 66.182, 27.396



4, 18.272, 8.693

Inverse Universe

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



67, 24.207, 4.871



78, 34.540, 5.738



75, 16.473, 229.758



40, 4.550, 2.538



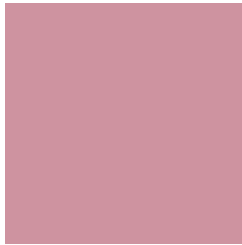
34, 66.182, 27.396



4, 18.272, 8.693

Previews

White Background



This preview shows how the CIELCh color 67, 24.209, 4.867 looks on a white background.

Color Contrast Check

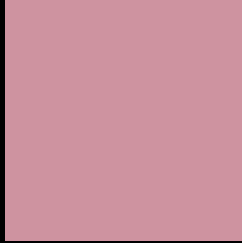
Large Text (above 18pt) WCAG AA × Fail

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 67, 24.209, 4.867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

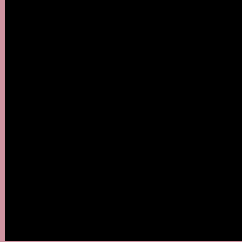
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 24.209, 4.867

Background



This preview shows how black text looks on a background with the CIELCh color 67, 24.209, 4.867.



This preview shows how white text looks on a background with the CIELCh color 67, 24.209, 4.867.

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

67, 24.209, 4.867

Protanopia

67, 4.048, 306.707

Deuteranopia

67, 8.994, 20.181



Tritanopia
67, 24.111, 6.135

Trichromacy



Original Color
67, 24.209, 4.867

Protanomaly
67, 10.137, 351.089

Deuteranomaly
67, 14.381, 9.800

Tritanomaly
67, 24.111, 6.135

Monochromacy



Original Color
67, 24.209, 4.867

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 8.928, 2.305

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 24.209, 4.867 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, 147, 160)` looks like.

```
.text, #text, p{  
    color:rgb(206, 147, 160)  
}
```

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, 147, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 147, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 24.209, 4.867 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, 147, 160) }
```

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

```
.border{ border-color:rgb(206, 147, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 147, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 147, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 147, 160);  
box-shadow:4px 4px 4px 4px rgb(206, 147,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 24.209, 4.867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 147, 160) }
```

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

```
.background{ background-color: rgb(206,  
147, 160) }
```

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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