

Converting Colors

CIELCh(67, 34.757, 28.912)

Have a look what the booklet for
CIELCh(67, 34.757, 28.912) contains.

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Color

CIELCh(67, 34.706, 29.002)

Conversions

Conversions Part 1

Format	Color
Hex	DF8D86
RGB	223, 141, 134
RGB Percent	87%, 55%, 53%
CMY	0.1240, 0.4457, 0.4732
CMYK	0.00, 0.37, 0.40, 0.12
HSL	5°, 58%, 70%
HSV	5°, 40%, 88%
XYZ	44.4531, 36.6320, 27.4056
YIQ	164.7200, 51.1190, 15.2070

Conversions

Conversions Part 2

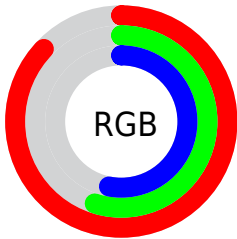
Format	Color
R _Y B	223, 142, 134
Decimal	14650758
CIE Lab	67.00, 30.35, 16.83
CIE LCh	67, 34.706, 29.002
Yxy	36.6320, 0.4097, 0.3377
Android (android.graphics.Color)	4292840838 (0xFFDF8D86)
YUV	164.7200, -15.1450, 51.1116
Hunter-Lab	60.5244, 25.1845, 15.5204

Details

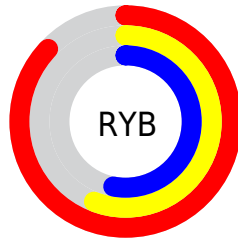
The CIELCh color **67, 34.706, 29.002** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **82, 25.826, 206.036**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 23.770, 31.222**, and **47, 34.555, 29.714** is the 20% darker color. If you saturate the color by 10%, you get **62, 45.028, 30.310**, and if you desaturate by 10%, it is **72, 24.992, 28.035**.

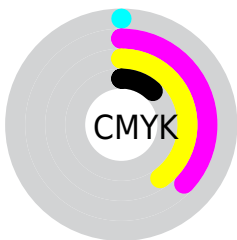
Distribution



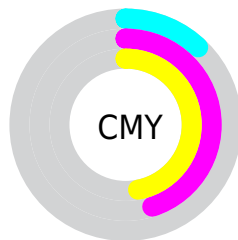
- Red (87%)
- Green (55%)
- Blue (53%)



- Red (87%)
- Yellow (56%)
- Blue (53%)



- Cyan (0%)
- Magenta (37%)
- Yellow (40%)
- Black (12%)



- Cyan (12%)
- Magenta (45%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 34.706, 29.002 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, 34.706, 29.002 by changing the saturation by 10% instead.

67, 34.706, 29.002

67, 34.706, 29.002

100, 34.706,
29.002

57, 34.706, 29.002

87, 34.706, 29.002

47, 34.706, 29.002

97, 34.706, 29.002

37, 34.706, 29.002

27, 34.706, 29.002

17, 34.706, 29.002

7, 34.706, 29.002

0, 34.706, 29.002

67, 34.706, 29.002

67, 34.706, 29.002

62, 45.028, 30.310

72, 24.992, 28.035

■ 58, 55.815, 32.018

■ 78, 15.957, 27.320

■ 54, 66.793, 34.167

■ 83, 7.603, 26.777

■ 51, 77.483, 36.656

■ 89, 0.102, 212.432

■ 49, 86.884, 39.043

■ 95, 7.209, 206.354

■ 47, 93.452, 40.691

■ 98, 10.701,
198.792

■ 47, 93.533, 40.719

Harmonies

Complementary

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



67, 34.706, 29.002



82, 25.826, 206.036

Rectangle

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



67, 34.706, 29.002



67, 34.706, 79.002



67, 34.706, 209.002



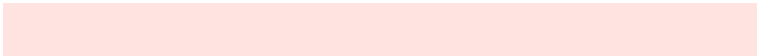
67, 34.706, 259.002

Sweetspot

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



67, 34.704, 29.006



92, 10.394, 26.889



68, 54.210, 328.539



48, 6.932, 26.957



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, 34.704, 29.006



71, 48.005, 30.089



77, 31.617, 77.011



44, 4.386, 26.756



37, 78.005, 40.892



7, 24.190, 24.992

Inverse Universe

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



82, 25.826, 206.036



91, 33.139, 206.172



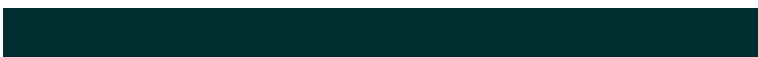
70, 29.565, 269.246



46, 4.126, 206.348



61, 34.423, 209.963



16, 14.325, 207.549

Previews

White Background



This preview shows how the CIELCh color 67, 34.706, 29.002 looks on a white background.

Color Contrast Check

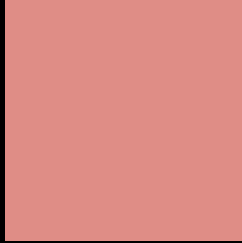
Large Text (above 18pt) WCAG AA × Fail

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 67, 34.706, 29.002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

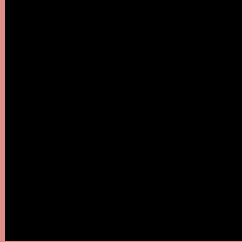
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 34.706, 29.002

Background



This preview shows how black text looks on a background with the CIELCh color 67, 34.706, 29.002.



This preview shows how white text looks on a background with the CIELCh color 67, 34.706, 29.002.

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, 34.706, 29.002

Protanopia

67, 10.388, 91.252

Deuteranopia

67, 20.024, 65.266



Tritanopia
67, 35.023, 14.286

Trichromacy



Original Color
67, 34.706, 29.002

Protanomaly
67, 16.358, 48.391

Deuteranomaly
67, 24.060, 46.543

Tritanomaly
67, 34.376, 19.382

Monochromacy



Original Color
67, 34.706, 29.002

Achromatopsia
68, 0.008, 296.813

Achromatomaly
67, 11.942, 25.710

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 34.706, 29.002 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(223, 141, 134)` looks like.

```
.text, #text, p{  
    color:rgb(223, 141, 134)  
}
```

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(223, 141, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 141, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 34.706, 29.002 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(223, 141, 134) }
```

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

```
.border{ border-color:rgb(223, 141, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 141, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 141, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 141, 134);  
box-shadow:4px 4px 4px 4px rgb(223, 141,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 34.706, 29.002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 141, 134) }
```

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

```
.background{ background-color: rgb(223,  
141, 134) }
```

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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