

Converting Colors

CIELCh(67, 31.213, 17.523)

Have a look what the booklet for
CIELCh(67, 31.213, 17.523) contains.

CIELCh(67, 31.350, 17.694)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(67, 31.350, 17.694)

Conversions

Conversions Part 1

Format	Color
Hex	DB8E93
RGB	219, 142, 147
RGB Percent	86%, 56%, 58%
CMY	0.1401, 0.4422, 0.4226
CMYK	0.00, 0.35, 0.33, 0.14
HSL	356°, 52%, 71%
HSV	356°, 35%, 86%
XYZ	44.2859, 36.6320, 32.4375
YIQ	165.5930, 44.2870, 17.8790

Conversions

Conversions Part 2

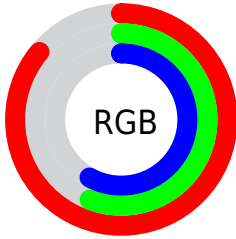
Format	Color
R _Y B	219, 142, 147
Decimal	14388883
CIE Lab	67.00, 29.87, 9.53
CIE LCh	67, 31.350, 17.694
Yxy	36.6320, 0.3907, 0.3232
Android (android.graphics.Color)	4292578963 (0xFFDB8E93)
YUV	165.5930, -9.1663, 46.8379
Hunter-Lab	60.5244, 24.6916, 10.5911

Details

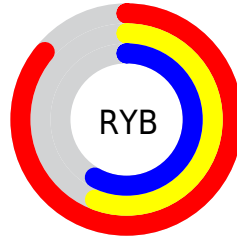
The CIELCh color **67, 31.350, 17.694** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **83, 25.295, 191.607**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 22.482, 14.561**, and **47, 31.159, 17.533** is the 20% darker color. If you saturate the color by 10%, you get **62, 41.397, 19.437**, and if you desaturate by 10%, it is **73, 21.721, 16.331**.

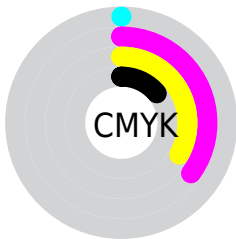
Distribution



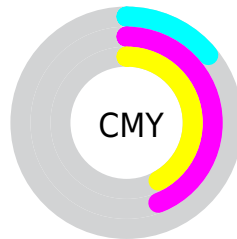
- Red (86%)
- Green (56%)
- Blue (58%)



- Red (86%)
- Yellow (56%)
- Blue (58%)



- Cyan (0%)
- Magenta (35%)
- Yellow (33%)
- Black (14%)



- Cyan (14%)
- Magenta (44%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 31.350, 17.694 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, 31.350, 17.694 by changing the saturation by 10% instead.

67, 31.350, 17.694

67, 31.350, 17.694

100, 31.350,
17.694

57, 31.350, 17.694

87, 31.350, 17.694

47, 31.350, 17.694

97, 31.350, 17.694

37, 31.350, 17.694

27, 31.350, 17.694

17, 31.350, 17.694

7, 31.350, 17.694

0, 31.350, 17.694

67, 31.350, 17.694

67, 31.350, 17.694

62, 41.397, 19.437

73, 21.721, 16.331

■ 57, 51.658, 21.666

■ 78, 12.635, 15.234

■ 53, 61.828, 24.511

■ 84, 4.134, 14.273

■ 50, 71.554, 28.043

■ 90, 3.789, 193.858

■ 47, 80.446, 32.152

■ 97, 11.167,
193.169

■ 46, 87.858, 36.291

■ 98, 12.042,
198.701

■ 46, 90.692, 37.867

Harmonies

Complementary

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



67, 31.350, 17.694



83, 25.295, 191.607

Rectangle

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



67, 31.350, 17.694



67, 31.350, 67.694



67, 31.350, 197.694



67, 31.350, 247.694

Sweetspot

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



67, 31.348, 17.698



92, 10.240, 14.845



69, 48.652, 324.386



48, 6.914, 14.975



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, 31.348, 17.698



73, 43.243, 18.912



75, 25.733, 63.997



43, 4.649, 14.689



36, 75.566, 37.282



5, 23.755, 17.473

Inverse Universe

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



67, 31.348, 17.698



73, 43.243, 18.912



74, 22.330, 253.322



43, 4.649, 14.689



36, 75.566, 37.282



5, 23.755, 17.473

Previews

White Background



This preview shows how the CIELCh color 67, 31.350, 17.694 looks on a white background.

Color Contrast Check

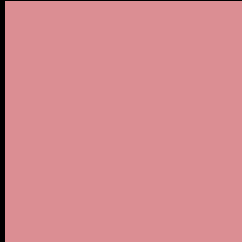
Large Text (above 18pt) WCAG AA × Fail

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, 31.350, 17.694 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, 31.350, 17.694

Background



This preview shows how black text looks on a background with the CIELCh color 67, 31.350, 17.694.

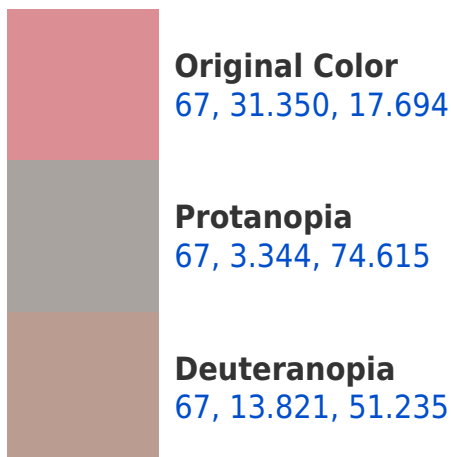


This preview shows how white text looks on a background with the CIELCh color 67, 31.350, 17.694.

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](#).

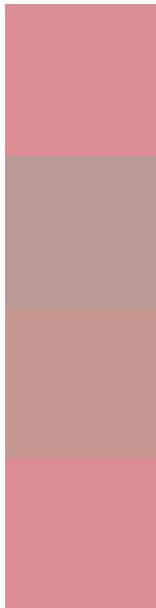
Dichromacy





Tritanopia
67, 32.136, 12.136

Trichromacy



Original Color
67, 31.350, 17.694

Protanomaly
67, 12.700, 23.016

Deuteranomaly
67, 19.190, 32.535

Tritanomaly
67, 32.122, 14.072

Monochromacy



Original Color
67, 31.350, 17.694

Achromatopsia
68, 0.008, 296.813

Achromatomaly
67, 11.011, 14.693

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 31.350, 17.694 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(219, 142, 147)` looks like.

```
.text, #text, p{  
    color:rgb(219, 142, 147)  
}
```

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(219, 142, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 142, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 31.350, 17.694 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(219, 142, 147) }
```

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

```
.border{ border-color:rgb(219, 142, 147) }
```

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

Here you see how a box with a 4 pixel rgb(219, 142, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 142, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 142, 147);  
box-shadow:4px 4px 4px 4px rgb(219, 142,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 31.350, 17.694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 142, 147) }
```

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

```
.background{ background-color: rgb(219,  
142, 147) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor