

Converting Colors

CIELCh(67, 24.362, 14.158)

Have a look what the booklet for
CIELCh(67, 24.362, 14.158) contains.

CIELCh(67, 24.608, 14.265)	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, 24.608, 14.265)

Conversions

Conversions Part 1

Format	Color
Hex	D09399
RGB	208, 147, 153
RGB Percent	82%, 58%, 60%
CMY	0.1838, 0.4231, 0.3996
CMYK	0.00, 0.29, 0.26, 0.18
HSL	354°, 39%, 70%
HSV	354°, 29%, 82%
XYZ	42.2552, 36.6320, 35.0276
YIQ	165.9230, 34.4300, 14.7980

Conversions

Conversions Part 2

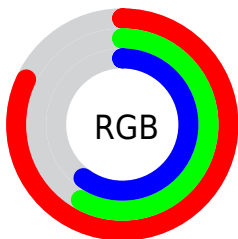
Format	Color
R _Y B	208, 147, 153
Decimal	13669273
CIE Lab	67.00, 23.85, 6.06
CIE LCh	67, 24.608, 14.265
Yxy	36.6320, 0.3709, 0.3216
Android (android.graphics.Color)	4291859353 (0xFFD09399)
YUV	165.9230, -6.3710, 36.9015
Hunter-Lab	60.5244, 18.7026, 8.0538

Details

The CIELCh color **67, 24.608, 14.265** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **79, 20.937, 189.045**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 20.488, 12.267**, and **47, 24.389, 14.586** is the 20% darker color. If you saturate the color by 10%, you get **62, 33.914, 15.815**, and if you desaturate by 10%, it is **72, 15.720, 13.027**.

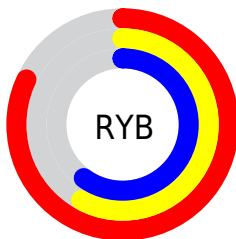
Distribution



Red (82%)

Green (58%)

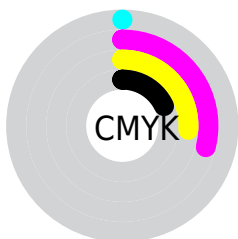
Blue (60%)



Red (82%)

Yellow (58%)

Blue (60%)

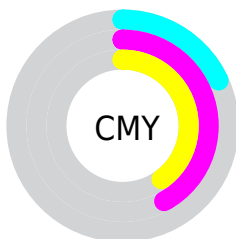


Cyan (0%)

Magenta (29%)

Yellow (26%)

Black (18%)



Cyan (18%)

Magenta (42%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 24.608, 14.265 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, 24.608, 14.265 by changing the saturation by 10% instead.

67, 24.608, 14.265

67, 24.608, 14.265

100, 24.608,
14.265

57, 24.608, 14.265

87, 24.608, 14.265

47, 24.608, 14.265

97, 24.608, 14.265

37, 24.608, 14.265

27, 24.608, 14.265

17, 24.608, 14.265

7, 24.608, 14.265

0, 24.608, 14.265

67, 24.608, 14.265

67, 24.608, 14.265

62, 33.914, 15.815

72, 15.720, 13.027

■ 57, 43.484, 17.770

■ 78, 7.337, 11.989

■ 53, 53.065, 20.261

■ 84, 0.521, 192.301

■ 49, 62.339, 23.417

■ 90, 7.869, 190.621

■ 46, 70.984, 27.297

■ 96, 14.741,
190.000

■ 44, 78.704, 31.747

■ 97, 15.590,
198.469

■ 44, 85.131, 36.050

■ 43, 85.531, 36.289

Harmonies

Complementary

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



67, 24.608, 14.265



79, 20.937, 189.045

Rectangle

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



67, 24.608, 14.265



67, 24.608, 64.265



67, 24.608, 194.265



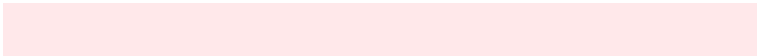
67, 24.608, 244.265

Sweetspot

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



67, 24.606, 14.269



94, 8.356, 11.969



68, 38.681, 323.123



49, 5.835, 12.114



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, 24.606, 14.269



77, 35.246, 15.169



73, 20.096, 60.946



41, 4.489, 11.999



35, 72.451, 35.614



4, 20.055, 14.890

Inverse Universe

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



67, 24.606, 14.269



77, 35.246, 15.169



73, 17.609, 247.919



41, 4.489, 11.999



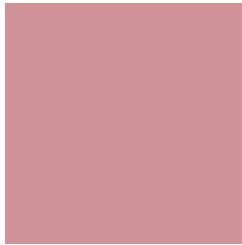
35, 72.451, 35.614



4, 20.055, 14.890

Previews

White Background



This preview shows how the CIELCh color 67, 24.608, 14.265 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, 24.608, 14.265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

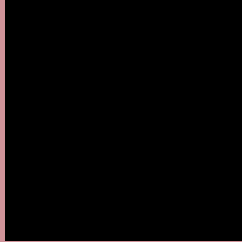
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 24.608, 14.265

Background



This preview shows how black text looks on a background with the CIELCh color 67, 24.608, 14.265.

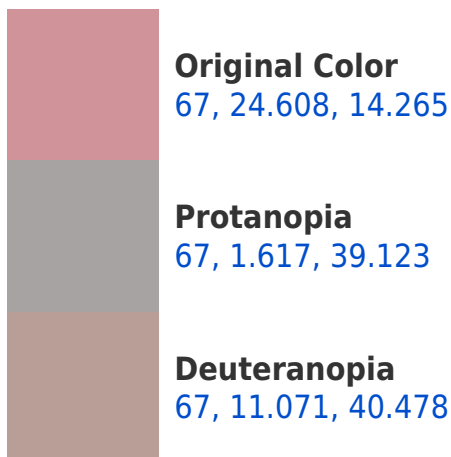



This preview shows how white text looks on a background with the CIELCh color 67, 24.608, 14.265.

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](#).

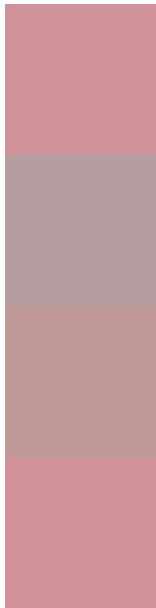
Dichromacy





Tritanopia
67, 25.691, 7.328

Trichromacy



Original Color
67, 24.608, 14.265

Protanomaly
67, 9.821, 13.871

Deuteranomaly
67, 15.643, 24.824

Tritanomaly
67, 25.562, 9.741

Monochromacy



Original Color
67, 24.608, 14.265

Achromatopsia
68, 0.008, 296.813

Achromatomaly
67, 8.617, 12.846

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 24.608, 14.265 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(208, 147, 153)` looks like.

```
.text, #text, p{  
    color:rgb(208, 147, 153)  
}
```

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(208, 147, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 147, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 24.608, 14.265 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(208, 147, 153) }
```

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

```
.border{ border-color:rgb(208, 147, 153) }
```

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

Here you see how a box with a 4 pixel rgb(208, 147, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 147, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 147, 153);  
box-shadow:4px 4px 4px 4px rgb(208, 147,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 24.608, 14.265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 147, 153) }
```

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

```
.background{ background-color: rgb(208,  
147, 153) }
```

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