

Converting Colors

CIELCh(67, 27.918, 12.299)

Have a look what the booklet for
CIELCh(67, 27.918, 12.299) contains.

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Color

CIELCh(67, 27.527, 13.158)

Conversions

Conversions Part 1

Format	Color
Hex	D59199
RGB	213, 145, 153
RGB Percent	84%, 57%, 60%
CMY	0.1653, 0.4319, 0.4005
CMYK	0.00, 0.32, 0.28, 0.17
HSL	353°, 45%, 70%
HSV	353°, 32%, 83%
XYZ	43.2445, 36.6320, 34.8725
YIQ	166.2440, 37.9600, 16.9040

Conversions

Conversions Part 2

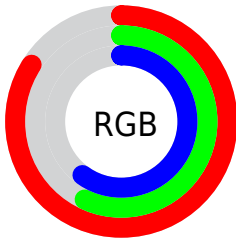
Format	Color
R _Y B	213, 145, 153
Decimal	13996441
CIE Lab	67.00, 26.80, 6.27
CIE LCh	67, 27.527, 13.158
Yxy	36.6320, 0.3769, 0.3192
Android (android.graphics.Color)	4292186521 (0xFFD59199)
YUV	166.2440, -6.5293, 41.0050
Hunter-Lab	60.5244, 21.6201, 8.2057

Details

The CIELCh color **67, 27.527, 13.158** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **81, 23.237, 187.135**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 21.387, 9.898**, and **47, 27.485, 13.628** is the 20% darker color. If you saturate the color by 10%, you get **62, 37.034, 14.825**, and if you desaturate by 10%, it is **73, 18.375, 11.825**.

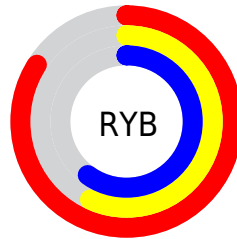
Distribution



Red (84%)

Green (57%)

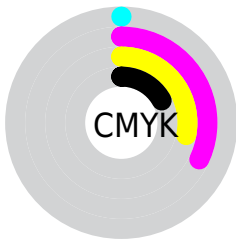
Blue (60%)



Red (84%)

Yellow (57%)

Blue (60%)

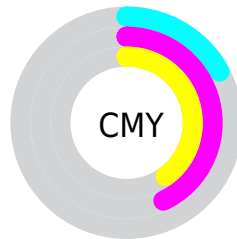


Cyan (0%)

Magenta (32%)

Yellow (28%)

Black (17%)



Cyan (17%)

Magenta (43%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 27.527, 13.158 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, 27.527, 13.158 by changing the saturation by 10% instead.

67, 27.527, 13.158

67, 27.527, 13.158

100, 27.527,
13.158

57, 27.527, 13.158

87, 27.527, 13.158

47, 27.527, 13.158

97, 27.527, 13.158

37, 27.527, 13.158

27, 27.527, 13.158

17, 27.527, 13.158

7, 27.527, 13.158

0, 27.527, 13.158

67, 27.527, 13.158

67, 27.527, 13.158

62, 37.034, 14.825

73, 18.375, 11.825

■ 57, 46.708, 16.928

■ 78, 9.695, 10.718

■ 53, 56.257, 19.604

■ 84, 1.527, 9.517

■ 49, 65.346, 22.980

■ 90, 6.131, 189.222

■ 47, 73.671, 27.103

■ 96, 13.305,
188.531

■ 45, 80.990, 31.772

■ 97, 14.094,
198.566

■ 45, 86.044, 35.355

Harmonies

Complementary

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



67, 27.527, 13.158



81, 23.237, 187.135

Rectangle

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



67, 27.527, 13.158



67, 27.527, 63.158



67, 27.527, 193.158



67, 27.527, 243.158

Sweetspot

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



67, 27.525, 13.162



93, 9.348, 10.531



68, 42.561, 322.251



49, 6.407, 10.676



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, 27.525, 13.162



75, 38.542, 14.192



73, 22.463, 57.009



42, 4.596, 10.462



35, 72.436, 34.613



5, 21.974, 14.523

Inverse Universe

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



67, 27.525, 13.162



75, 38.542, 14.192



74, 19.072, 243.989



42, 4.596, 10.462



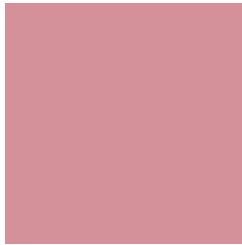
35, 72.436, 34.613



5, 21.974, 14.523

Previews

White Background



This preview shows how the CIELCh color 67, 27.527, 13.158 looks on a white background.

Color Contrast Check

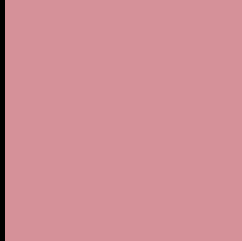
Large Text (above 18pt) WCAG AA × Fail

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, 27.527, 13.158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

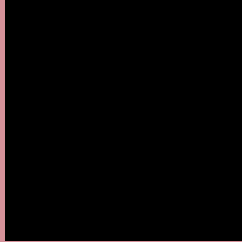
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 27.527, 13.158

Background



This preview shows how black text looks on a background with the CIELCh color 67, 27.527, 13.158.



This preview shows how white text looks on a background with the CIELCh color 67, 27.527, 13.158.

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, 27.527, 13.158

Protanopia
67, 1.143, 19.093

Deuteranopia
67, 11.071, 40.478



Tritanopia
67, 28.050, 10.029

Trichromacy



Original Color
67, 27.527, 13.158

Protanomaly
67, 10.674, 11.509

Deuteranomaly
67, 16.413, 22.826

Tritanomaly
67, 28.011, 11.136

Monochromacy



Original Color
67, 27.527, 13.158

Achromatopsia
68, 0.008, 296.813

Achromatomaly
67, 9.864, 10.695

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 27.527, 13.158 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(213, 145, 153)` looks like.

```
.text, #text, p{  
    color:rgb(213, 145, 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(213, 145, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 145, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 27.527, 13.158 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(213, 145, 153) }
```

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

```
.border{ border-color:rgb(213, 145, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 145, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 145, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 145, 153);  
box-shadow:4px 4px 4px 4px rgb(213, 145,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 27.527, 13.158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 145, 153) }
```

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

```
.background{ background-color: rgb(213,  
145, 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](#).

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