

Converting Colors

CIELCh(69, 16.827, 67.917)

Have a look what the booklet for
CIELCh(69, 16.827, 67.917) contains.

CIELCh(69, 16.827, 67.917)	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(69, 16.827, 67.917)

Conversions

Conversions Part 1

Format	Color
Hex	BFA48D
RGB	191, 164, 141
RGB Percent	75%, 64%, 55%
CMY	0.2526, 0.3584, 0.4486
CMYK	0.00, 0.14, 0.26, 0.25
HSL	28°, 28%, 65%
HSV	28°, 26%, 75%
XYZ	39.3664, 39.3444, 30.5687
YIQ	169.4510, 23.4750, -1.4290

Conversions

Conversions Part 2

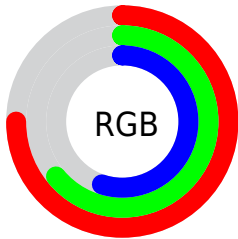
Format	Color
R _Y B	191, 184, 141
Decimal	12559501
CIE Lab	69.00, 6.33, 15.59
CIE LCh	69, 16.827, 67.917
Yxy	39.3444, 0.3602, 0.3600
Android (android.graphics.Color)	4290749581 (0xFFBFA48D)
YUV	169.4510, -14.0263, 18.8985
Hunter-Lab	62.7251, 2.2580, 15.0129

Details

The CIELCh color $69, 16.827, 67.917$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $67, 15.398, 254.794$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 16.730, 67.640$, and $49, 16.733, 66.793$ is the 20% darker color. If you saturate the color by 10%, you get $66, 23.887, 66.774$, and if you desaturate by 10%, it is $72, 10.133, 69.073$.

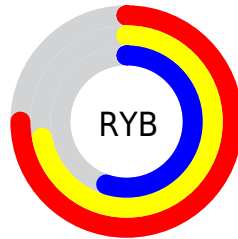
Distribution



Red (75%)

Green (64%)

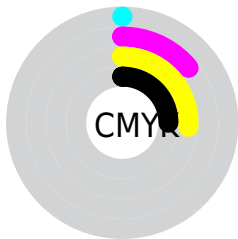
Blue (55%)



Red (75%)

Yellow (72%)

Blue (55%)

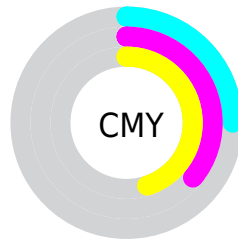


Cyan (0%)

Magenta (14%)

Yellow (26%)

Black (25%)



Cyan (25%)

Magenta (36%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 16.827, 67.917 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 69, 16.827, 67.917 by changing the saturation by 10% instead.

■ 69, 16.827, 67.917

■ 69, 16.827, 67.917

■ 100, 16.827,
67.917

■ 59, 16.827, 67.917

■ 89, 16.827, 67.917

■ 49, 16.827, 67.917

■ 99, 16.827, 67.917

■ 39, 16.827, 67.917

■ 29, 16.827, 67.917

■ 19, 16.827, 67.917

■ 9, 16.827, 67.917

■ 0, 16.827, 67.917

■ 69, 16.827, 67.917

■ 69, 16.827, 67.917

■ 66, 23.887, 66.774

■ 72, 10.133, 69.073

63, 31.313, 65.627

75, 3.783, 70.166

60, 39.065, 64.480

78, 2.253, 251.582

57, 47.023, 63.302

82, 8.007, 252.579

55, 54.900, 62.008

85, 13.510,
253.651

52, 62.119, 60.406

88, 18.792,
254.700

50, 67.769, 58.166

91, 17.426,
234.041

49, 69.750, 57.338

93, 18.408,
213.160

96, 20.927,
198.129

Harmonies

Complementary

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



69, 16.827, 67.917



67, 15.398, 254.794

Rectangle

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



69, 16.827, 67.917



69, 16.827, 117.917



69, 16.827, 247.917



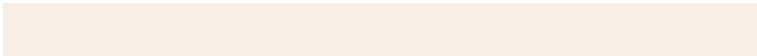
69, 16.827, 297.917

Sweetspot

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



69, 16.827, 67.926



94, 6.044, 69.970



64, 24.350, 343.280



50, 4.348, 69.807



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



69, 16.827, 67.926



85, 24.942, 67.318



75, 25.323, 105.471



38, 3.448, 69.840



41, 60.523, 57.915



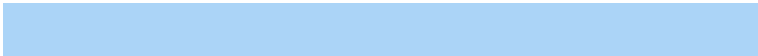
5, 10.032, 55.237

Inverse Universe

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



67, 15.398, 254.794



83, 22.364, 255.793



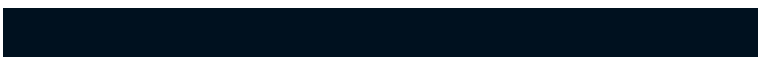
61, 26.767, 291.303



38, 3.355, 252.201



36, 46.090, 279.252



4, 11.100, 264.936

Previews

White Background



This preview shows how the CIELCh color 69, 16.827, 67.917 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 69, 16.827, 67.917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

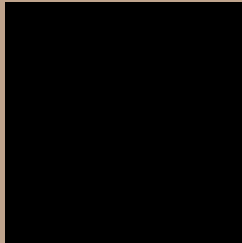
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 16.827, 67.917

Background



This preview shows how black text looks on a background with the CIELCh color 69, 16.827, 67.917.



This preview shows how white text looks on a background with the CIELCh color 69, 16.827, 67.917.

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

69, 16.827, 67.917

Protanopia

69, 14.125, 93.925

Deuteranopia

69, 17.881, 59.866



Tritanopia
69, 15.165, 352.926

Trichromacy



Original Color
69, 16.827, 67.917

Protanomaly
69, 14.661, 82.597

Deuteranomaly
69, 17.308, 63.765

Tritanomaly
69, 12.556, 20.511

Monochromacy



Original Color
69, 16.827, 67.917

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 5.841, 67.978

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 16.827, 67.917 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(191, 164, 141)` looks like.

```
.text, #text, p{  
    color:rgb(191, 164, 141)  
}
```

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(191, 164, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 164, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 16.827, 67.917 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(191, 164, 141) }
```

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

```
.border{ border-color:rgb(191, 164, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 164, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 164, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 164, 141);  
box-shadow:4px 4px 4px 4px rgb(191, 164,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 16.827, 67.917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 164, 141) }
```

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

```
.background{ background-color: rgb(191,  
164, 141) }
```

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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