

Converting Colors

CIELCh(67, 14.332, 70.844)

Have a look what the booklet for
CIELCh(67, 14.332, 70.844) contains.

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Color

CIELCh(67, 14.258, 70.030)

Conversions

Conversions Part 1

Format	Color
Hex	B59F8B
RGB	181, 159, 139
RGB Percent	71%, 62%, 55%
CMY	0.2890, 0.3753, 0.4538
CMYK	0.00, 0.12, 0.23, 0.29
HSL	29°, 22%, 63%
HSV	29°, 23%, 71%
XYZ	36.2588, 36.6320, 29.6974
YIQ	163.2980, 19.5320, -1.5560

Conversions

Conversions Part 2

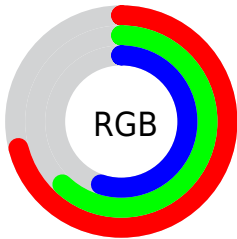
Format	Color
RYB	181, 177, 139
Decimal	11902859
CIELab	67.00, 4.87, 13.40
CIELCh	67, 14.258, 70.030
Yxy	36.6320, 0.3534, 0.3571
Android (android.graphics.Color)	4290092939 (0xFFB59F8B)
YUV	163.2980, -11.9789, 15.5247
Hunter-Lab	60.5244, 1.0176, 13.2754

Details

The CIELCh color $67, 14.258, 70.030$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $65, 13.285, 256.125$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 14.054, 70.657$, and $47, 14.407, 70.437$ is the 20% darker color. If you saturate the color by 10%, you get $64, 20.942, 68.851$, and if you desaturate by 10%, it is $70, 7.902, 71.211$.

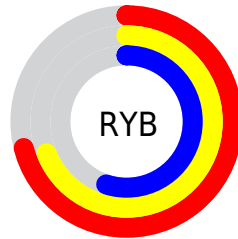
Distribution



Red (71%)

Green (62%)

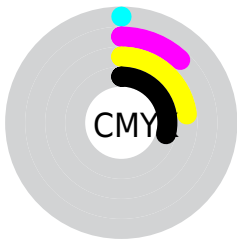
Blue (55%)



Red (71%)

Yellow (69%)

Blue (55%)

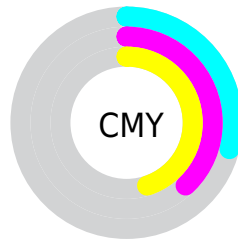


Cyan (0%)

Magenta (12%)

Yellow (23%)

Black (29%)



Cyan (29%)

Magenta (38%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 14.258, 70.030 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, 14.258, 70.030 by changing the saturation by 10% instead.

■ 67, 14.258, 70.030

■ 67, 14.258, 70.030

■ 100, 14.258,
70.030

■ 57, 14.258, 70.030

■ 87, 14.258, 70.030

■ 47, 14.258, 70.030

■ 97, 14.258, 70.030

■ 37, 14.258, 70.030

■ 27, 14.258, 70.030

■ 17, 14.258, 70.030

■ 7, 14.258, 70.030

■ 0, 14.258, 70.030

■ 67, 14.258, 70.030

■ 67, 14.258, 70.030

■ 64, 20.942, 68.851

■ 70, 7.902, 71.211

61, 27.959, 67.659

73, 1.853, 72.240

59, 35.283, 66.462

76, 3.916, 253.683

56, 42.823, 65.239

79, 9.436, 254.758

54, 50.364, 63.928

82, 14.732,
255.838

51, 57.453, 62.383

85, 19.832,
256.888

49, 63.301, 60.318

88, 20.432,
247.465

48, 66.645, 58.733

90, 19.723,
229.978

93, 20.803,
213.021

Harmonies

Complementary

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



67, 14.258, 70.030



65, 13.285, 256.125

Rectangle

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



67, 14.258, 70.030



67, 14.258, 120.030



67, 14.258, 250.030



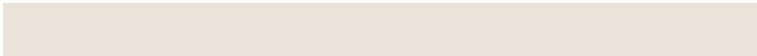
67, 14.258, 300.030

Sweetspot

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



67, 14.258, 70.040



90, 5.098, 71.886



63, 20.411, 343.862



48, 3.315, 71.824



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



67, 14.258, 70.040



83, 21.532, 69.412



72, 21.864, 106.537



37, 3.400, 71.644



41, 59.353, 59.221



5, 8.733, 58.590

Inverse Universe

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



65, 13.285, 256.125



80, 19.699, 257.079



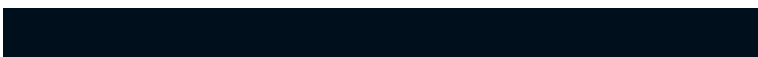
60, 22.986, 291.532



37, 3.317, 254.041



35, 46.989, 280.964



4, 9.989, 265.362

Previews

White Background



This preview shows how the CIELCh color 67, 14.258, 70.030 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, 14.258, 70.030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

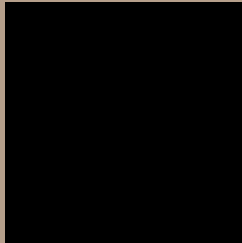
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 14.258, 70.030

Background



This preview shows how black text looks on a background with the CIELCh color 67, 14.258, 70.030.



This preview shows how white text looks on a background with the CIELCh color 67, 14.258, 70.030.

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, 14.258, 70.030

Protanopia

67, 12.504, 93.995

Deuteranopia

67, 15.523, 57.016



Tritanopia
67, 13.289, 350.902

Trichromacy



Original Color
67, 14.258, 70.030

Protanomaly
67, 13.196, 85.414

Deuteranomaly
67, 14.901, 61.444

Tritanomaly
67, 10.607, 20.344

Monochromacy



Original Color
67, 14.258, 70.030

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 4.940, 70.640

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 14.258, 70.030 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(181, 159, 139)` looks like.

```
.text, #text, p{  
    color:rgb(181, 159, 139)  
}
```

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(181, 159, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 159, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 14.258, 70.030 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(181, 159, 139) }
```

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

```
.border{ border-color:rgb(181, 159, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 159, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 159, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 159, 139);  
box-shadow:4px 4px 4px 4px rgb(181, 159,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 14.258, 70.030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 159, 139) }
```

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

```
.background{ background-color: rgb(181,  
159, 139) }
```

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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