

Converting Colors

CIELCh(67, 11.468, 61.919)

Have a look what the booklet for
CIELCh(67, 11.468, 61.919) contains.

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Color

CIELCh(67, 11.468, 61.919)

Conversions

Conversions Part 1

Format	Color
Hex	B49F91
RGB	180, 159, 145
RGB Percent	71%, 62%, 57%
CMY	0.2934, 0.3758, 0.4307
CMYK	0.00, 0.12, 0.19, 0.29
HSL	24°, 19%, 64%
HSV	24°, 19%, 71%
XYZ	36.4176, 36.6320, 32.0097
YIQ	163.6830, 17.0100, 0.0980

Conversions

Conversions Part 2

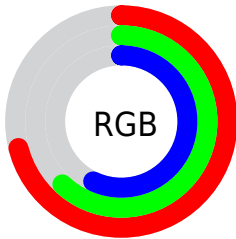
Format	Color
RYB	180, 168, 145
Decimal	11837329
CIELab	67.00, 5.40, 10.12
CIElCh	67, 11.468, 61.919
Yxy	36.6320, 0.3466, 0.3487
Android (android.graphics.Color)	4290027409 (0xFFB49F91)
YUV	163.6830, -9.2107, 14.3100
Hunter-Lab	60.5244, 1.4861, 11.0101

Details

The CIELCh color **67, 11.468, 61.919** is a light color, and the websafe version is hex **999999**. A complement of this color would be **67, 10.560, 246.305**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 11.413, 62.883**, and **47, 11.368, 62.143** is the 20% darker color. If you saturate the color by 10%, you get **64, 17.933, 60.972**, and if you desaturate by 10%, it is **70, 5.394, 62.885**.

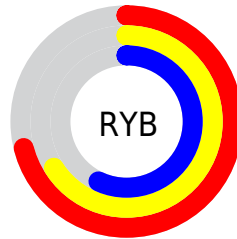
Distribution



Red (71%)

Green (62%)

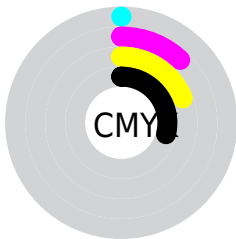
Blue (57%)



Red (71%)

Yellow (66%)

Blue (57%)

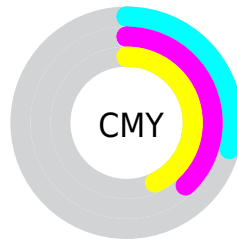


Cyan (0%)

Magenta (12%)

Yellow (19%)

Black (29%)



Cyan (29%)

Magenta (38%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 11.468, 61.919 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, 11.468, 61.919 by changing the saturation by 10% instead.

■ 67, 11.468, 61.919

■ 67, 11.468, 61.919

■ 100, 11.468,
61.919

■ 57, 11.468, 61.919

■ 87, 11.468, 61.919

■ 47, 11.468, 61.919

■ 97, 11.468, 61.919

■ 37, 11.468, 61.919

■ 27, 11.468, 61.919

■ 17, 11.468, 61.919

■ 7, 11.468, 61.919

■ 0, 11.468, 61.919

■ 67, 11.468, 61.919

■ 67, 11.468, 61.919

■ 64, 17.933, 60.972

■ 70, 5.394, 62.885

61, 24.815, 60.042

74, 0.323, 245.237

58, 32.116, 59.151

77, 5.720, 245.043

55, 39.796, 58.294

80, 10.833,
246.002

52, 47.724, 57.433

84, 15.696,
246.965

49, 55.585, 56.457

47, 62.726, 55.115

87, 20.340,
247.909

45, 68.569, 53.291

90, 19.993,
230.255

45, 68.918, 53.215

93, 21.301,
211.338

95, 23.936,
197.942

Harmonies

Complementary

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



67, 11.468, 61.919



67, 10.560, 246.305

Rectangle

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



67, 11.468, 61.919



67, 11.468, 111.919



67, 11.468, 241.919



67, 11.468, 291.919

Sweetspot

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



67, 11.468, 61.931



90, 4.209, 63.176



64, 17.757, 340.124



48, 2.795, 63.124



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, 11.468, 61.931



84, 17.037, 61.549



72, 17.097, 103.778



36, 3.214, 62.896



38, 60.838, 53.723



4, 7.500, 52.664

Inverse Universe

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



67, 10.560, 246.305



84, 15.394, 246.898



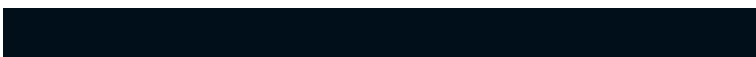
62, 17.695, 288.114



36, 3.100, 245.008



38, 39.782, 271.554



4, 8.089, 256.653

Previews

White Background



This preview shows how the CIELCh color 67, 11.468, 61.919 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, 11.468, 61.919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

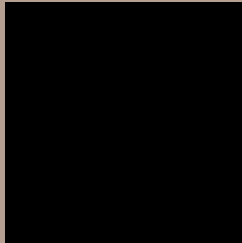
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 11.468, 61.919

Background



This preview shows how black text looks on a background with the CIELCh color 67, 11.468, 61.919.



This preview shows how white text looks on a background with the CIELCh color 67, 11.468, 61.919.

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, 11.468, 61.919

Protanopia

67, 9.215, 91.715

Deuteranopia

67, 12.857, 48.184



Tritanopia
67, 12.282, 348.045

Trichromacy



Original Color
67, 11.468, 61.919

Protanomaly
67, 10.017, 80.686

Deuteranomaly
67, 12.077, 53.083

Tritanomaly
67, 9.876, 10.702

Monochromacy



Original Color
67, 11.468, 61.919

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 4.132, 61.200

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 11.468, 61.919 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(180, 159, 145)` looks like.

```
.text, #text, p{  
    color:rgb(180, 159, 145)  
}
```

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(180, 159, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 159, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 11.468, 61.919 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(180, 159, 145) }
```

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

```
.border{ border-color:rgb(180, 159, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 159, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 159, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 159, 145);  
box-shadow:4px 4px 4px 4px rgb(180, 159,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 11.468, 61.919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 159, 145) }
```

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

```
.background{ background-color: rgb(180,  
159, 145) }
```

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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