

Converting Colors

CIELCh(67, 11.451, 113.107)

Have a look what the booklet for
CIELCh(67, 11.451, 113.107)
contains.

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Color

CIELCh(67, 11.560, 112.899)

Conversions

Conversions Part 1

Format	Color
Hex	A3A590
RGB	163, 165, 144
RGB Percent	64%, 65%, 56%
CMY	0.3614, 0.3535, 0.4359
CMYK	0.01, 0.00, 0.13, 0.35
HSL	66°, 10%, 61%
HSV	66°, 13%, 65%
XYZ	33.5208, 36.6320, 31.6279
YIQ	162.0080, 5.5490, -6.9550

Conversions

Conversions Part 2

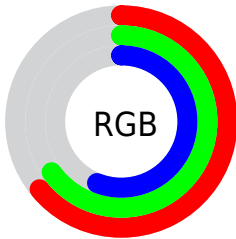
Format	Color
RYB	144, 165, 146
Decimal	10724752
CIELab	67.00, -4.50, 10.65
CIELCh	67, 11.560, 112.899
Yxy	36.6320, 0.3293, 0.3599
Android (android.graphics.Color)	4288914832 (0xFFA3A590)
YUV	162.0080, -8.8779, 0.8700
Hunter-Lab	60.5244, -7.0573, 11.3842

Details

The CIELCh color **67, 11.560, 112.899** is a light color, and the websafe version is hex **999999**. A complement of this color would be **61, 11.893, 295.041**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 11.481, 112.927**, and **47, 11.199, 113.030** is the 20% darker color. If you saturate the color by 10%, you get **67, 20.568, 112.093**, and if you desaturate by 10%, it is **68, 2.483, 113.702**.

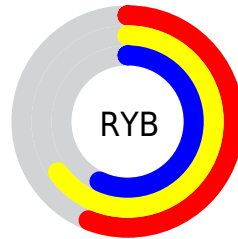
Distribution



Red (64%)

Green (65%)

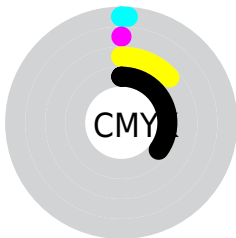
Blue (56%)



Red (56%)

Yellow (65%)

Blue (57%)

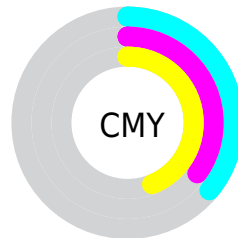


Cyan (1%)

Magenta (0%)

Yellow (13%)

Black (35%)



Cyan (36%)

Magenta (35%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 11.560, 112.899 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, 11.560, 112.899 by changing the saturation by 10% instead.

■ 67, 11.560,
112.899

■ 67, 11.560,
112.899

■ 100, 11.560,
112.899

■ 57, 11.560,
112.899

■ 87, 11.560,
112.899

■ 47, 11.560,
112.899

■ 97, 11.560,
112.899

■ 37, 11.560,
112.899

■ 27, 11.560,
112.899

■ 17, 11.560,
112.899

■ 7, 11.560, 112.899

■ 0, 11.560, 112.899

67, 11.560,
112.899

67, 11.560,
112.899

67, 20.568,
112.093

68, 2.483, 113.702

66, 29.430,
111.286

68, 6.619, 294.499

66, 38.040,
110.508

69, 15.713,
295.252

65, 46.234,
109.789

69, 24.775,
295.973

65, 53.766,
109.170

70, 33.786,
296.658

65, 60.295,
108.707

71, 42.734,
297.305

65, 65.410,
108.462

72, 49.340,
297.901

64, 68.751,

72, 49.365,
298.451

108.493

■ 72, 49.394,
299.003

■ 64, 70.364,
108.639

Harmonies

Complementary

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



67, 11.560, 112.899



61, 11.893, 295.041

Rectangle

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



67, 11.560, 112.899



67, 11.560, 162.899



67, 11.560, 292.899



67, 11.560, 342.899

Sweetspot

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



67, 11.562, 112.905



85, 4.494, 113.598



62, 7.720, 27.331



45, 3.189, 113.542



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



67, 11.562, 112.905



85, 16.838, 112.699



66, 12.556, 131.399



34, 5.095, 113.186



57, 64.151, 108.580



5, 7.983, 115.024

Inverse Universe

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



61, 11.893, 295.041



75, 17.418, 295.290



61, 12.736, 312.449



32, 5.204, 294.717



16, 87.476, 306.675



0, 7.967, 293.575

Previews

White Background



This preview shows how the CIELCh color 67, 11.560, 112.899 looks on a white background.

Color Contrast Check

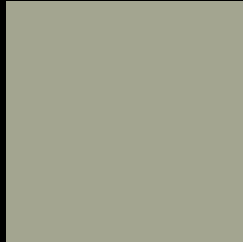
Large Text (above 18pt) WCAG AA × Fail

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, 11.560, 112.899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

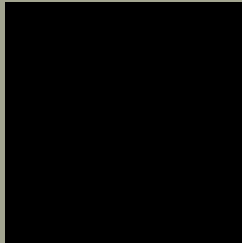
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

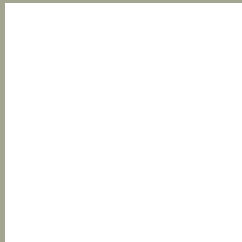
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 11.560, 112.899

Background



This preview shows how black text looks on a background with the CIELCh color 67, 11.560, 112.899.



This preview shows how white text looks on a background with the CIELCh color 67, 11.560, 112.899.

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, 11.560, 112.899

Protanopia

67, 11.052, 90.035

Deuteranopia

67, 13.154, 50.201



Tritanopia
67, 7.033, 309.355

Trichromacy



Original Color
67, 11.560, 112.899

Protanomaly
67, 11.168, 98.721

Deuteranomaly
67, 10.727, 69.823

Tritanomaly
67, 1.144, 19.096

Monochromacy



Original Color
67, 11.560, 112.899

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 4.424, 114.712

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 11.560, 112.899 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(163, 165, 144)` looks like.

```
.text, #text, p{  
    color:rgb(163, 165, 144)  
}
```

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(163, 165, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 165, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 11.560, 112.899 is called "border". The border property can be set on classes, ids or directly on the HTML element.

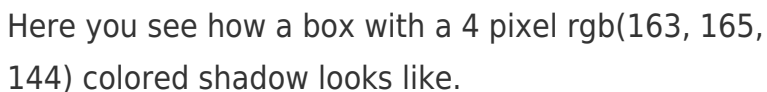
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(163, 165, 144) }
```

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

```
.border{ border-color:rgb(163, 165, 144) }
```

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



Here you see how a box with a 4 pixel `rgb(163, 165, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 165, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 165, 144); box-shadow:4px 4px 4px 4px rgb(163, 165, 144) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 11.560, 112.899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 165, 144) }
```

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

```
.background{ background-color: rgb(163,  
165, 144) }
```

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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