

Converting Colors

CIELCh(67, 15.904, 111.417)

Have a look what the booklet for
CIELCh(67, 15.904, 111.417)
contains.

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Color

CIELCh(67, 15.921, 111.408)

Conversions

Conversions Part 1

Format	Color
Hex	A3A588
RGB	163, 165, 136
RGB Percent	64%, 65%, 53%
CMY	0.3595, 0.3517, 0.4655
CMYK	0.01, 0.00, 0.18, 0.35
HSL	64°, 14%, 59%
HSV	64°, 18%, 65%
XYZ	33.1483, 36.6320, 28.7314
YIQ	161.0960, 8.1170, -9.4430

Conversions

Conversions Part 2

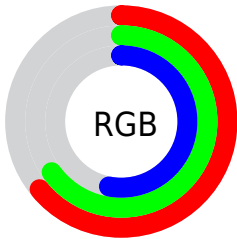
Format	Color
RYB	136, 165, 138
Decimal	10724744
CIELab	67.00, -5.81, 14.82
CIElCh	67, 15.921, 111.408
Yxy	36.6320, 0.3365, 0.3719
Android (android.graphics.Color)	4288914824 (0xFFA3A588)
YUV	161.0960, -12.3723, 1.6698
Hunter-Lab	60.5244, -8.1557, 14.2216

Details

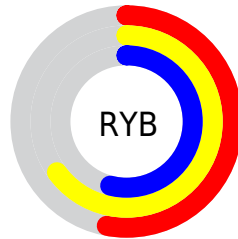
The CIELCh color $67, 15.921, 111.408$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $58, 16.561, 294.568$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 16.144, 111.496$, and $47, 15.844, 111.159$ is the 20% darker color. If you saturate the color by 10%, you get $67, 24.878, 110.564$, and if you desaturate by 10%, it is $67, 6.863, 112.258$.

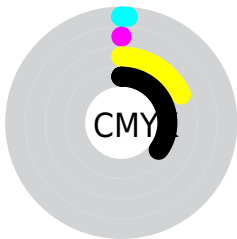
Distribution



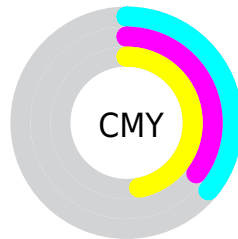
- Red (64%)
- Green (65%)
- Blue (53%)



- Red (53%)
- Yellow (65%)
- Blue (54%)



- Cyan (1%)
- Magenta (0%)
- Yellow (18%)
- Black (35%)




- Cyan (36%)
- Magenta (35%)
- Yellow (47%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 15.921, 111.408 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, 15.921, 111.408 by changing the saturation by 10% instead.


 67, 15.921,
111.408


 67, 15.921,
111.408


 100, 15.921,
111.408


 57, 15.921,
111.408


 87, 15.921,
111.408

 47, 15.921,
111.408

 97, 15.921,
111.408

 37, 15.921,
111.408

 27, 15.921,
111.408

 17, 15.921,
111.408

 7, 15.921, 111.408

 0, 15.921, 111.408

67, 15.921,
111.408

67, 15.921,
111.408

67, 24.878,
110.564

67, 6.863, 112.258

66, 33.642,
109.730

68, 2.242, 293.111

66, 42.081,
108.938

69, 11.355,
293.907

66, 49.994,
108.220

69, 20.447,
294.683

65, 57.086,
107.620

70, 29.500,
295.425

65, 62.974,
107.193

71, 38.499,
296.128

65, 67.244,
106.994

71, 47.431,
296.792

65, 69.771,

72, 49.035,
297.234

107.041

■ 72, 49.050,
297.633

■ 65, 70.309,
107.063

Harmonies

Complementary

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



67, 15.921, 111.408



58, 16.561, 294.568

Rectangle

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



67, 15.921, 111.408



67, 15.921, 161.408



67, 15.921, 291.408



67, 15.921, 341.408

Sweetspot

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



67, 15.923, 111.413



85, 5.612, 112.463



60, 11.033, 26.087



45, 3.822, 112.408



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, 15.923, 111.413



84, 23.490, 111.087



66, 17.278, 130.613



34, 5.088, 112.115



58, 63.968, 107.019



5, 7.967, 113.726

Inverse Universe

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



58, 16.561, 294.568



71, 24.657, 294.998



59, 17.627, 312.110



32, 5.198, 293.722



16, 87.637, 306.559



0, 7.959, 292.638

Previews

White Background



This preview shows how the CIELCh color 67, 15.921, 111.408 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, 15.921, 111.408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

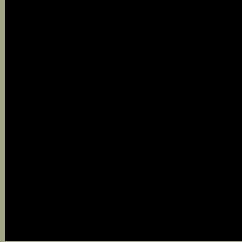
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

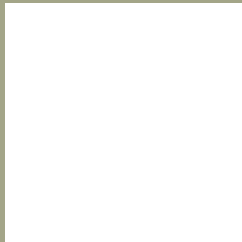
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 15.921, 111.408

Background



This preview shows how black text looks on a background with the CIELCh color 67, 15.921, 111.408.



This preview shows how white text looks on a background with the CIELCh color 67, 15.921, 111.408.

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, 15.921, 111.408

Protanopia

67, 15.803, 95.139

Deuteranopia

67, 16.266, 59.881



Tritanopia
67, 7.824, 313.284

Trichromacy



Original Color
67, 15.921, 111.408

Protanomaly
67, 16.030, 101.226

Deuteranomaly
67, 14.675, 78.779

Tritanomaly
67, 1.876, 55.191

Monochromacy



Original Color
67, 15.921, 111.408

Achromatopsia
66, 0.008, 296.813

Achromatomaly
67, 6.072, 113.206

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 15.921, 111.408 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, 136)` looks like.

```
.text, #text, p{  
    color:rgb(163, 165, 136)  
}
```

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, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 165, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 15.921, 111.408 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, 136) }
```

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

```
.border{ border-color:rgb(163, 165, 136) }
```

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, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 165, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 165, 136);  
box-shadow:4px 4px 4px 4px rgb(163, 165,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 15.921, 111.408 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, 136) }
```

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

```
.background{ background-color: rgb(163,  
165, 136) }
```

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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