

Converting Colors

CIELCh(67, 16.508, 131.198)

Have a look what the booklet for
CIELCh(67, 16.508, 131.198)
contains.

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Color

CIELCh(67, 16.645, 130.815)

Conversions

Conversions Part 1

Format	Color
Hex	98A88C
RGB	152, 168, 140
RGB Percent	60%, 66%, 55%
CMY	0.4035, 0.3407, 0.4505
CMYK	0.10, 0.00, 0.17, 0.34
HSL	94°, 14%, 60%
HSV	94°, 17%, 66%
XYZ	31.7368, 36.6320, 30.2526
YIQ	160.0240, -0.5480, -12.1000

Conversions

Conversions Part 2

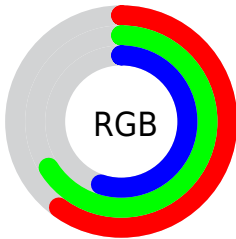
Format	Color
RYB	140, 168, 156
Decimal	10004620
CIELab	67.00, -10.88, 12.60
CIELCh	67, 16.645, 130.815
Yxy	36.6320, 0.3218, 0.3714
Android (android.graphics.Color)	4288194700 (0xFF98A88C)
YUV	160.0240, -9.8718, -7.0370
Hunter-Lab	60.5244, -12.3187, 12.7314

Details

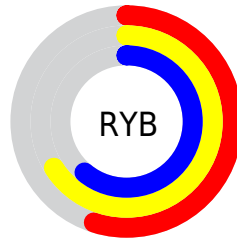
The CIELCh color $67, 16.645, 130.815$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $61, 16.963, 312.231$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 16.406, 131.471$, and $47, 16.560, 130.768$ is the 20% darker color. If you saturate the color by 10%, you get $66, 26.634, 130.345$, and if you desaturate by 10%, it is $68, 6.635, 131.270$.

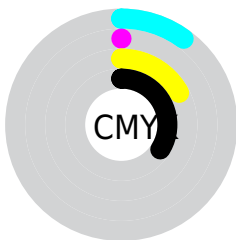
Distribution



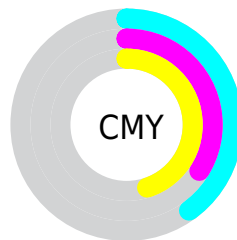
- Red (60%)
- Green (66%)
- Blue (55%)



- Red (55%)
- Yellow (66%)
- Blue (61%)



- Cyan (10%)
- Magenta (0%)
- Yellow (17%)
- Black (34%)





- Cyan (40%)
- Magenta (34%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 16.645, 130.815 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, 16.645, 130.815 by changing the saturation by 10% instead.


 67, 16.645,
130.815


 67, 16.645,
130.815


 100, 16.645,
130.815


 57, 16.645,
130.815


 87, 16.645,
130.815

 47, 16.645,
130.815

 97, 16.645,
130.815

 37, 16.645,
130.815

 27, 16.645,
130.815

 17, 16.645,
130.815

 7, 16.645, 130.815

 0, 16.645, 130.815

67, 16.645,
130.815

67, 16.645,
130.815

66, 26.634,
130.345

68, 6.635, 131.270

65, 36.495,
129.861

69, 3.329, 311.620

64, 46.089,
129.395

71, 13.195,
312.015

63, 55.212,
128.992

72, 22.926,
312.348

63, 63.579,
128.727

73, 32.499,
312.642

62, 70.816,
128.707

75, 41.897,
312.901

62, 76.505,
129.055


76, 49.737,
313.688

61, 80.415,

77, 50.730,
317.222

129.838

 78, 51.891,
320.668

 61, 81.551,
130.101

Harmonies

Complementary

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



67, 16.645, 130.815



61, 16.963, 312.231

Rectangle

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



67, 16.645, 130.815



67, 16.645, 180.815



67, 16.645, 310.815



67, 16.645, 0.815

Sweetspot

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



67, 16.647, 130.817



87, 6.180, 131.342



65, 10.056, 80.160



46, 4.211, 131.311



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



67, 16.647, 130.817



85, 24.816, 130.644



66, 18.108, 145.252



35, 5.650, 131.152



54, 74.093, 129.935



5, 10.469, 133.516

Inverse Universe

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



61, 16.963, 312.231



75, 25.391, 312.402



62, 18.132, 327.201



33, 5.715, 311.899



24, 81.739, 313.840



1, 10.139, 308.893

Previews

White Background



This preview shows how the CIELCh color 67, 16.645, 130.815 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, 16.645, 130.815 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, 16.645, 130.815

Background



This preview shows how black text looks on a background with the CIELCh color 67, 16.645, 130.815.



This preview shows how white text looks on a background with the CIELCh color 67, 16.645, 130.815.

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, 16.645, 130.815

Protanopia
67, 14.332, 92.269

Deuteranopia
67, 14.479, 54.755



Tritanopia
67, 7.377, 276.622

Trichromacy



Original Color
67, 16.645, 130.815

Protanomaly
67, 14.275, 107.061

Deuteranomaly
67, 12.201, 83.550

Tritanomaly
67, 3.573, 181.213

Monochromacy



Original Color
67, 16.645, 130.815

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 6.003, 132.255

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 16.645, 130.815 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(152, 168, 140)` looks like.

```
.text, #text, p{  
    color:rgb(152, 168, 140)  
}
```

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(152, 168, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 168, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 16.645, 130.815 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(152, 168, 140) }
```

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

```
.border{ border-color:rgb(152, 168, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 168, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 168, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 168, 140);  
box-shadow:4px 4px 4px 4px rgb(152, 168,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 16.645, 130.815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 168, 140) }
```

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

```
.background{ background-color: rgb(152,  
168, 140) }
```

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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