

Converting Colors

CIELCh(67, 15.466, 161.154)

Have a look what the booklet for
CIELCh(67, 15.466, 161.154)
contains.

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Color

CIELCh(67, 14.994, 162.052)

Conversions

Conversions Part 1

Format	Color
Hex	8AAA9A
RGB	138, 170, 154
RGB Percent	54%, 67%, 60%
CMY	0.4577, 0.3322, 0.3949
CMYK	0.19, 0.00, 0.09, 0.33
HSL	150°, 16%, 61%
HSV	150°, 19%, 67%
XYZ	30.8168, 36.6320, 36.1459
YIQ	158.6080, -13.9360, -11.7600

Conversions

Conversions Part 2

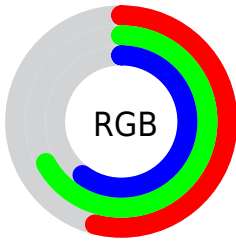
Format	Color
RYB	138, 159, 170
Decimal	9087642
CIELab	67.00, -14.26, 4.62
CIELCh	67, 14.994, 162.052
Yxy	36.6320, 0.2975, 0.3536
Android (android.graphics.Color)	4287277722 (0xFF8AAA9A)
YUV	158.6080, -2.2717, -18.0732
Hunter-Lab	60.5244, -15.0320, 6.9583

Details

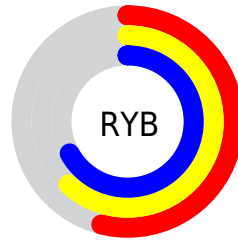
The CIELCh color $67, 14.994, 162.052$ is a light color, and the websafe version is hex 669999 . A complement of this color would be $61, 15.348, 345.244$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 14.851, 161.625$, and $47, 14.987, 161.481$ is the 20% darker color. If you saturate the color by 10%, you get $66, 22.858, 161.040$, and if you desaturate by 10%, it is $68, 7.022, 162.977$.

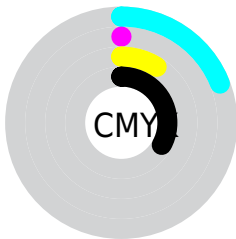
Distribution



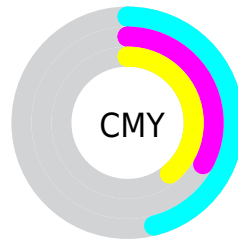
- Red (54%)
- Green (67%)
- Blue (60%)



- Red (54%)
- Yellow (62%)
- Blue (67%)



- Cyan (19%)
- Magenta (0%)
- Yellow (9%)
- Black (33%)





- Cyan (46%)
- Magenta (33%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 14.994, 162.052 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, 14.994, 162.052 by changing the saturation by 10% instead.


 67, 14.994,
162.052


 67, 14.994,
162.052


 100, 14.994,
162.052


 57, 14.994,
162.052


 87, 14.994,
162.052

 47, 14.994,
162.052

 97, 14.994,
162.052

 37, 14.994,
162.052

 27, 14.994,
162.052

 17, 14.994,
162.052

 7, 14.994, 162.052

 0, 14.994, 162.052

67, 14.994,
162.052

67, 14.994,
162.052

66, 22.858,
161.040

68, 7.022, 162.977

65, 30.495,
159.912

70, 0.965, 343.366

72, 8.887, 344.441

64, 37.776,
158.641

73, 16.687,
345.142

63, 44.569,
157.203

75, 24.324,
345.779

62, 50.756,
155.575

77, 31.769,
346.370

62, 56.246,
153.743

79, 38.290,
345.999


62, 61.004,
151.705

79, 40.783,
340.674

61, 65.127,

149.539

 80, 43.617,
336.058

 61, 65.609,
149.290

Harmonies

Complementary

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



67, 14.994, 162.052



61, 15.348, 345.244

Rectangle

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



67, 14.994, 162.052



67, 14.994, 212.052



67, 14.994, 342.052



67, 14.994, 32.052

Sweetspot

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



67, 14.995, 162.050



87, 5.935, 163.226



68, 18.571, 127.638



47, 3.969, 163.167



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



67, 14.995, 162.050



84, 22.713, 161.597



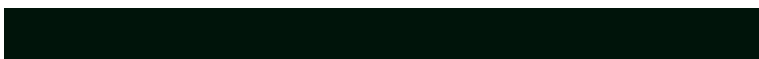
67, 11.512, 196.994



35, 4.474, 162.933



54, 58.801, 149.578



5, 8.590, 160.082

Inverse Universe

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



61, 15.348, 345.244



75, 23.375, 345.698



61, 12.942, 19.380



33, 4.530, 344.361



31, 56.546, 1.173



2, 7.800, 347.577

Previews

White Background



This preview shows how the CIELCh color 67, 14.994, 162.052 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, 14.994, 162.052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

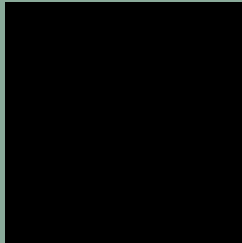
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

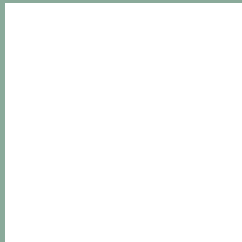
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 14.994, 162.052

Background



This preview shows how black text looks on a background with the CIELCh color 67, 14.994, 162.052.

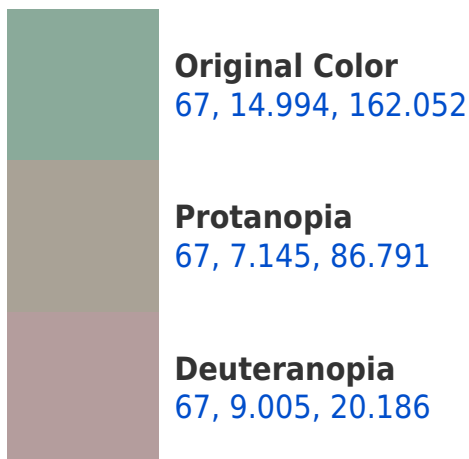


This preview shows how white text looks on a background with the CIELCh color 67, 14.994, 162.052.

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





Tritanopia
67, 10.922, 240.167

Trichromacy



Original Color
67, 14.994, 162.052

Protanomaly
67, 7.674, 130.085

Deuteranomaly
67, 3.490, 90.407

Tritanomaly
67, 9.808, 208.416

Monochromacy



Original Color
67, 14.994, 162.052

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 5.668, 163.115

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 14.994, 162.052 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(138, 170, 154)` looks like.

```
.text, #text, p{  
    color:rgb(138, 170, 154)  
}
```

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(138, 170, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 170, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 14.994, 162.052 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(138, 170, 154) }
```

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

```
.border{ border-color:rgb(138, 170, 154) }
```

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

Here you see how a box with a 4 pixel rgb(138, 170, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 170, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 170, 154);  
box-shadow:4px 4px 4px 4px rgb(138, 170,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 14.994, 162.052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 170, 154) }
```

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

```
.background{ background-color: rgb(138,  
170, 154) }
```

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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