

Converting Colors

CIELCh(67, 14.456, 198.200)

Have a look what the booklet for
CIELCh(67, 14.456, 198.200)
contains.

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Color

CIELCh(67, 14.452, 198.219)

Conversions

Conversions Part 1

Format	Color
Hex	82ABAB
RGB	130, 171, 171
RGB Percent	51%, 67%, 67%
CMY	0.4916, 0.3308, 0.3308
CMYK	0.24, 0.00, 0.00, 0.33
HSL	180°, 20%, 59%
HSV	180°, 24%, 67%
XYZ	30.9615, 36.6320, 43.7847
YIQ	158.7410, -24.4360, -8.6920

Conversions

Conversions Part 2

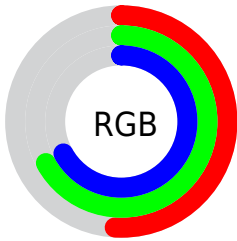
Format	Color
RYB	130, 151, 171
Decimal	8563627
CIELab	67.00, -13.73, -4.52
CIELCh	67, 14.452, 198.219
Yxy	36.6320, 0.2780, 0.3289
Android (android.graphics.Color)	4286753707 (0xFF82ABAB)
YUV	158.7410, 6.0437, -25.2059
Hunter-Lab	60.5244, -14.6052, -0.5247

Details

The CIELCh color $67, 14.452, 198.219$ is a light color, and the websafe version is hex 669999 . A complement of this color would be $58, 16.922, 21.193$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 14.286, 198.465$, and $47, 14.592, 197.837$ is the 20% darker color. If you saturate the color by 10%, you get $66, 19.714, 197.772$, and if you desaturate by 10%, it is $68, 8.700, 198.718$.

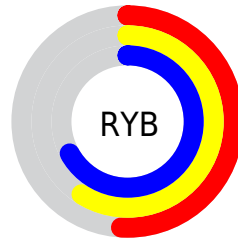
Distribution



Red (51%)

Green (67%)

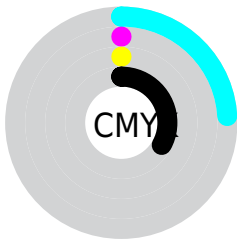
Blue (67%)



Red (51%)

Yellow (59%)

Blue (67%)

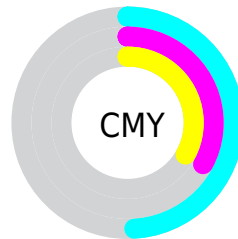


Cyan (24%)

Magenta (0%)

Yellow (0%)

Black (33%)



Cyan (49%)


Magenta (33%)


Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 14.452, 198.219 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, 14.452, 198.219 by changing the saturation by 10% instead.


 67, 14.452,
198.219


 67, 14.452,
198.219


 100, 14.452,
198.219


 57, 14.452,
198.219


 87, 14.452,
198.219

 47, 14.452,
198.219

 97, 14.452,
198.219

 37, 14.452,
198.219

 27, 14.452,
198.219

 17, 14.452,
198.219

 7, 14.452, 198.219

 0, 14.452, 198.219

67, 14.452,
198.219

67, 14.452,
198.219

66, 19.714,
197.772

68, 8.700, 198.718

65, 24.387,
197.388

69, 2.558, 199.375

65, 28.379,
197.067

71, 3.881, 19.612

64, 31.624,
196.809

72, 10.533, 20.272

64, 34.084,
196.615

74, 17.326, 20.890

63, 35.763,
196.484

75, 24.201, 21.509

63, 36.718,
196.410

77, 31.111, 22.131

63, 37.089,

78, 33.504, 22.346

78, 33.504, 22.345

Harmonies

Complementary

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



67, 14.452, 198.219



58, 16.922, 21.193

Rectangle

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



67, 14.452, 198.219



67, 14.452, 248.219



67, 14.452, 18.219



67, 14.452, 68.219

Sweetspot

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



67, 14.453, 198.214



87, 5.473, 199.126



66, 27.555, 142.472



47, 3.580, 199.088



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, 14.453, 198.214



84, 21.178, 197.964



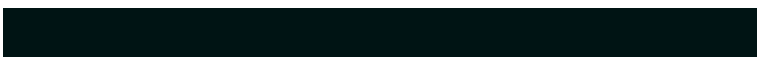
61, 13.181, 257.064



35, 3.516, 198.989



55, 33.388, 196.381



5, 6.572, 199.418

Inverse Universe

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



58, 16.922, 21.193



71, 25.816, 21.796



63, 14.141, 70.713



33, 3.724, 19.904



30, 69.025, 39.358



1, 6.572, 19.402

Previews

White Background



This preview shows how the CIELCh color 67, 14.452, 198.219 looks on a white background.

Color Contrast Check

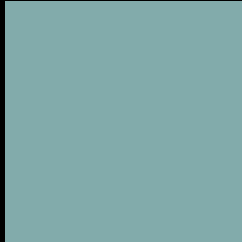
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 67, 14.452, 198.219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

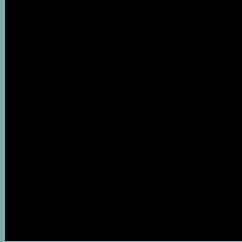
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

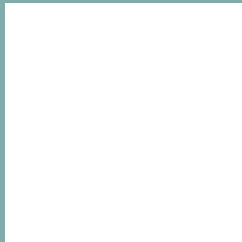
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 14.452, 198.219

Background



This preview shows how black text looks on a background with the CIELCh color 67, 14.452, 198.219.

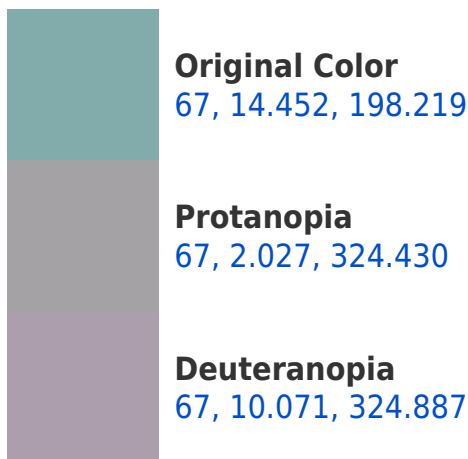



This preview shows how white text looks on a background with the CIELCh color 67, 14.452, 198.219.

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, 14.360, 228.698

Trichromacy



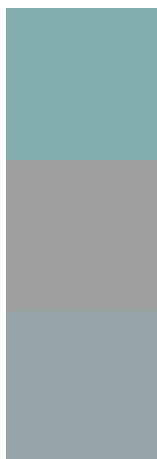
Original Color
67, 14.452, 198.219

Protanomaly
67, 4.912, 212.127

Deuteranomaly
67, 5.405, 266.606

Tritanomaly
67, 14.069, 216.790

Monochromacy



Original Color
67, 14.452, 198.219

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 5.571, 198.998

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 14.452, 198.219 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(130, 171, 171)` looks like.

```
.text, #text, p{  
    color:rgb(130, 171, 171)  
}
```

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(130, 171, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 171, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 14.452, 198.219 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(130, 171, 171) }
```

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

```
.border{ border-color:rgb(130, 171, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 171, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 171, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 171, 171);  
box-shadow:4px 4px 4px 4px rgb(130, 171,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 14.452, 198.219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 171, 171) }
```

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

```
.background{ background-color: rgb(130,  
171, 171) }
```

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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