

Converting Colors

CIELCh(67, 14.971, 199.643)

Have a look what the booklet for
CIELCh(67, 14.971, 199.643)
contains.

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Color

CIELCh(67, 15.048, 200.294)

Conversions

Conversions Part 1

Format	Color
Hex	80ABAC
RGB	128, 171, 172
RGB Percent	50%, 67%, 67%
CMY	0.4985, 0.3299, 0.3260
CMYK	0.26, 0.01, 0.00, 0.33
HSL	181°, 21%, 59%
HSV	181°, 26%, 67%
XYZ	30.8573, 36.6320, 44.4112
YIQ	158.2570, -25.9490, -8.8050

Conversions

Conversions Part 2

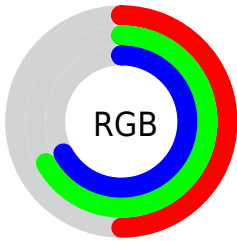
Format	Color
R_{YB}	128, 150, 172
Decimal	8432556
CIE _{Lab}	67.00, -14.11, -5.22
CIE _{LCh}	67, 15.048, 200.294
Yxy	36.6320, 0.2758, 0.3274
Android (android.graphics.Color)	4286622636 (0xFF80ABAC)
YUV	158.2570, 6.7753, -26.5354
Hunter-Lab	60.5244, -14.9126, -1.1384

Details

The CIELCh color **67, 15.048, 200.294** is a light color, and the websafe version is hex **669999**. A complement of this color would be **58, 17.862, 23.084**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 14.888, 200.454**, and **47, 15.149, 200.045** is the 20% darker color. If you saturate the color by 10%, you get **66, 20.126, 199.960**, and if you desaturate by 10%, it is **68, 9.470, 200.692**.

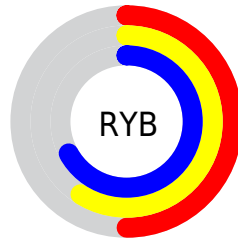
Distribution



Red (50%)

Green (67%)

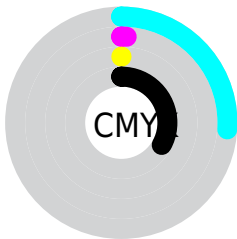
Blue (67%)



Red (50%)

Yellow (59%)

Blue (67%)

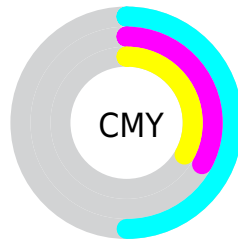


Cyan (26%)

Magenta (1%)

Yellow (0%)

Black (33%)



Cyan (50%)


Magenta (33%)


Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 15.048, 200.294 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, 15.048, 200.294 by changing the saturation by 10% instead.

 67, 15.048,
200.294


 67, 15.048,
200.294


 100, 15.048,
200.294


 57, 15.048,
200.294


 87, 15.048,
200.294

 47, 15.048,
200.294

 97, 15.048,
200.294

 37, 15.048,
200.294

 27, 15.048,
200.294

 17, 15.048,
200.294

 7, 15.048, 200.294

 0, 15.048, 200.294

67, 15.048,
200.294

67, 15.048,
200.294

66, 20.126,
199.960

68, 9.470, 200.692

65, 24.604,
199.709

70, 3.488, 201.218

71, 2.802, 21.379

64, 28.395,
199.543

73, 9.319, 22.014

64, 31.431,
199.470

74, 15.991, 22.571

76, 22.758, 23.132

63, 33.677,
199.497

78, 29.575, 23.699

63, 35.144,
199.627

79, 32.198, 24.134

79, 32.063, 24.484

63, 35.900,
199.859

62, 36.127,

199.975

Harmonies

Complementary

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



67, 15.048, 200.294



58, 17.862, 23.084

Rectangle

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



67, 15.048, 200.294



67, 15.048, 250.294



67, 15.048, 20.294



67, 15.048, 70.294

Sweetspot

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



67, 15.048, 200.289



88, 6.155, 201.059



66, 29.364, 143.188



46, 4.352, 200.979



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, 15.048, 200.289



85, 22.137, 200.084



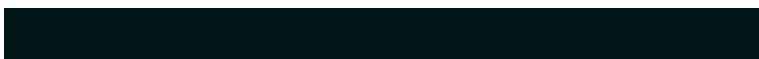
61, 14.564, 261.034



36, 3.521, 200.995



55, 32.766, 199.936



6, 7.545, 202.306

Inverse Universe

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



59, 29.257, 326.436



73, 43.925, 326.754



64, 15.483, 74.019



34, 6.490, 325.535



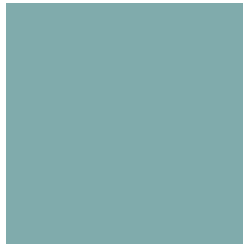
35, 76.611, 329.139



2, 13.545, 325.343

Previews

White Background



This preview shows how the CIELCh color 67, 15.048, 200.294 looks on a white background.

Color Contrast Check

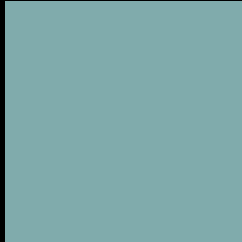
Large Text (above 18pt) WCAG AA × Fail

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, 15.048, 200.294 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

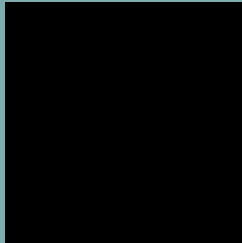
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 15.048, 200.294

Background



This preview shows how black text looks on a background with the CIELCh color 67, 15.048, 200.294.



This preview shows how white text looks on a background with the CIELCh color 67, 15.048, 200.294.

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, 15.048, 200.294

Protanopia

67, 2.352, 309.127

Deuteranopia

67, 10.996, 321.652



Tritanopia
67, 15.127, 229.426

Trichromacy



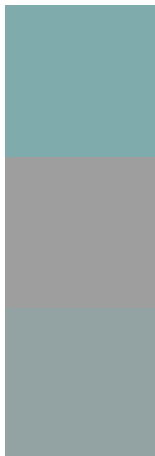
Original Color
67, 15.048, 200.294

Protanomaly
67, 5.384, 217.048

Deuteranomaly
67, 6.424, 270.832

Tritanomaly
67, 14.788, 218.109

Monochromacy



Original Color
67, 15.048, 200.294

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 5.934, 198.961

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 15.048, 200.294 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(128, 171, 172)` looks like.

```
.text, #text, p{  
    color:rgb(128, 171, 172)  
}
```

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(128, 171, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 171, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 15.048, 200.294 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(128, 171, 172) }
```

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

```
.border{ border-color:rgb(128, 171, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 171, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 171, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 171, 172);  
box-shadow:4px 4px 4px 4px rgb(128, 171,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 15.048, 200.294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 171, 172) }
```

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

```
.background{ background-color: rgb(128,  
171, 172) }
```

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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