

Converting Colors

CIELCh(67, 11.262, 204.991)

Have a look what the booklet for
CIELCh(67, 11.262, 204.991)
contains.

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Color

CIELCh(67, 11.451, 204.052)

Conversions

Conversions Part 1

Format	Color
Hex	89A9AB
RGB	137, 169, 171
RGB Percent	54%, 66%, 67%
CMY	0.4628, 0.3373, 0.3294
CMYK	0.20, 0.01, 0.00, 0.33
HSL	184°, 17%, 60%
HSV	184°, 20%, 67%
XYZ	31.8530, 36.6320, 43.9170
YIQ	159.6600, -19.7140, -6.1620

Conversions

Conversions Part 2

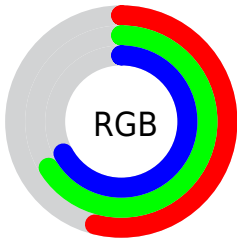
Format	Color
RYB	137, 153, 171
Decimal	9021867
CIELab	67.00, -10.46, -4.67
CIELCh	67, 11.451, 204.052
Yxy	36.6320, 0.2834, 0.3259
Android (android.graphics.Color)	4287211947 (0xFF89A9AB)
YUV	159.6600, 5.5906, -19.8728
Hunter-Lab	60.5244, -11.9761, -0.6543

Details

The CIELCh color `67, 11.451, 204.052` is a light color, and the websafe version is hex `669999`. A complement of this color would be `61, 13.065, 25.555`, and the grayscale version is `66, 0.008, 296.813`.

A 20% lighter version of the original color is `87, 11.350, 203.997`, and `47, 11.574, 204.088` is the 20% darker color. If you saturate the color by 10%, you get `66, 16.614, 203.841`, and if you desaturate by 10%, it is `68, 5.859, 204.355`.

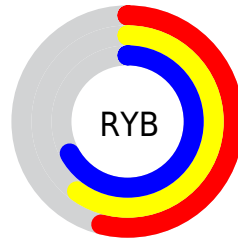
Distribution



Red (54%)

Green (66%)

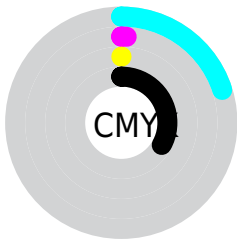
Blue (67%)



Red (54%)

Yellow (60%)

Blue (67%)

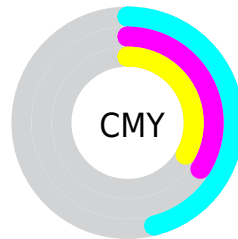


Cyan (20%)

Magenta (1%)

Yellow (0%)

Black (33%)



Cyan (46%)


Magenta (34%)


Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 11.451, 204.052 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, 11.451, 204.052 by changing the saturation by 10% instead.


 67, 11.451,
204.052


 67, 11.451,
204.052


 100, 11.451,
204.052


 57, 11.451,
204.052


 87, 11.451,
204.052

 47, 11.451,
204.052

 97, 11.451,
204.052

 37, 11.451,
204.052

 27, 11.451,
204.052

 17, 11.451,
204.052

 7, 11.451, 204.052

 0, 11.451, 204.052

67, 11.451,
204.052

67, 11.451,
204.052

66, 16.614,
203.841

68, 5.859, 204.355

70, 0.072, 17.748

65, 21.251,
203.740

72, 6.258, 24.904

63, 25.269,
203.756

73, 12.628, 25.362

63, 28.586,
203.908

75, 19.122, 25.820

77, 25.691, 26.289

62, 31.145,
204.214

79, 31.609, 26.812

61, 32.925,
204.694

79, 31.287, 27.768

80, 30.975, 28.744

61, 33.953,
205.363

60, 34.414,

206.193

■ 60, 34.419,
206.203

Harmonies

Complementary

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



67, 11.451, 204.052



61, 13.065, 25.555

Rectangle

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



67, 11.451, 204.052



67, 11.451, 254.052



67, 11.451, 24.052



67, 11.451, 74.052

Sweetspot

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



67, 11.452, 204.045



87, 4.438, 204.525



67, 22.188, 144.543



47, 2.963, 204.492



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, 11.452, 204.045



84, 16.827, 203.941



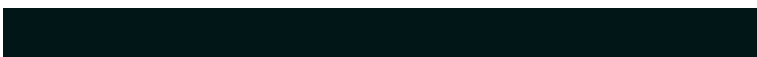
62, 11.667, 263.500



36, 3.400, 204.378



53, 31.347, 206.094



6, 7.188, 207.159

Inverse Universe

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



61, 22.080, 327.153



75, 32.949, 327.408



65, 12.091, 78.115



34, 6.332, 326.550



35, 74.505, 330.674



2, 13.068, 326.828

Previews

White Background



This preview shows how the CIELCh color 67, 11.451, 204.052 looks on a white background.

Color Contrast Check

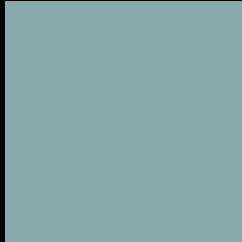
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 67, 11.451, 204.052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

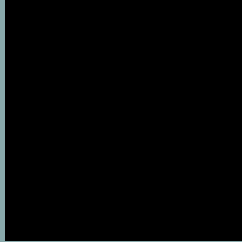
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

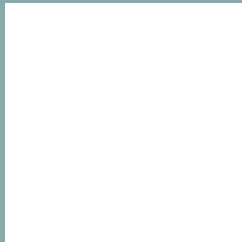
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 11.451, 204.052

Background



This preview shows how black text looks on a background with the CIELCh color 67, 11.451, 204.052.

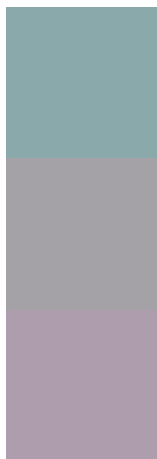


This preview shows how white text looks on a background with the CIELCh color 67, 11.451, 204.052.

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



Original Color

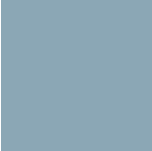
67, 11.451, 204.052

Protanopia

67, 2.880, 305.619

Deuteranopia

67, 10.287, 326.652



Tritanopia
67, 12.256, 238.124

Trichromacy



Original Color
67, 11.451, 204.052

Protanomaly
67, 4.365, 221.537

Deuteranomaly
67, 5.539, 286.932

Tritanomaly
67, 11.529, 224.316

Monochromacy



Original Color
67, 11.451, 204.052

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 4.127, 206.888

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 11.451, 204.052 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(137, 169, 171)` looks like.

```
.text, #text, p{  
    color:rgb(137, 169, 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(137, 169, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 169, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 11.451, 204.052 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(137, 169, 171) }
```

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

```
.border{ border-color:rgb(137, 169, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 169, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 169, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 169, 171);  
box-shadow:4px 4px 4px 4px rgb(137, 169,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 11.451, 204.052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 169, 171) }
```

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

```
.background{ background-color: rgb(137,  
169, 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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