

Converting Colors

CIELCh(67, 11.337, 202.428)

Have a look what the booklet for
CIELCh(67, 11.337, 202.428)
contains.

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Color

CIELCh(67, 11.458, 201.254)

Conversions

Conversions Part 1

Format	Color
Hex	89A9AA
RGB	137, 169, 170
RGB Percent	54%, 66%, 67%
CMY	0.4625, 0.3370, 0.3330
CMYK	0.19, 0.01, 0.00, 0.33
HSL	182°, 16%, 60%
HSV	182°, 19%, 67%
XYZ	31.7919, 36.6320, 43.4608
YIQ	159.5460, -19.3930, -6.4730

Conversions

Conversions Part 2

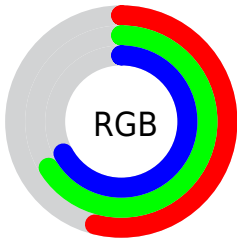
Format	Color
RYB	137, 153, 170
Decimal	9021866
CIELab	67.00, -10.68, -4.15
CIElCh	67, 11.458, 201.254
Yxy	36.6320, 0.2841, 0.3274
Android (android.graphics.Color)	4287211946 (0xFF89A9AA)
YUV	159.5460, 5.1538, -19.7728
Hunter-Lab	60.5244, -12.1560, -0.2074

Details

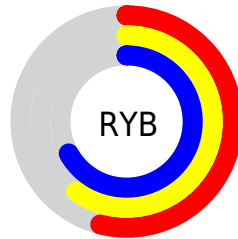
The CIELCh color $67, 11.458, 201.254$ is a light color, and the websafe version is hex 669999 . A complement of this color would be $60, 13.009, 23.137$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 11.351, 201.330$, and $47, 11.593, 201.107$ is the 20% darker color. If you saturate the color by 10%, you get $66, 16.771, 200.906$, and if you desaturate by 10%, it is $68, 5.713, 201.679$.

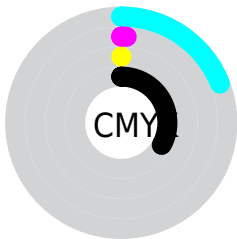
Distribution



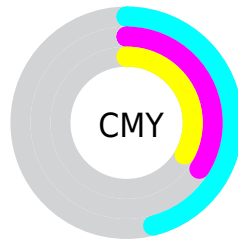
- Red (54%)
- Green (66%)
- Blue (67%)



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



- Cyan (19%)
- Magenta (1%)
- Yellow (0%)
- Black (33%)





- Cyan (46%)
- Magenta (34%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 11.458, 201.254 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, 11.458, 201.254 by changing the saturation by 10% instead.


 67, 11.458,
201.254


 67, 11.458,
201.254


 100, 11.458,
201.254


 57, 11.458,
201.254


 87, 11.458,
201.254

 47, 11.458,
201.254

 97, 11.458,
201.254

 37, 11.458,
201.254

 27, 11.458,
201.254

 17, 11.458,
201.254

 7, 11.458, 201.254

 0, 11.458, 201.254

67, 11.458,
201.254

67, 11.458,
201.254

66, 16.771,
200.906

68, 5.713, 201.679

70, 0.372, 20.707

65, 21.553,
200.645

71, 6.709, 22.433

64, 25.710,
200.471

73, 13.226, 22.974

63, 29.160,
200.394

75, 19.861, 23.512

77, 26.562, 24.057

63, 31.848,
200.424

78, 32.834, 24.600

62, 33.753,
200.569

79, 32.658, 25.055

79, 32.484, 25.515

62, 34.902,
200.834

61, 35.462,

201.200

■ 61, 35.492,
201.222

Harmonies

Complementary

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



67, 11.458, 201.254



60, 13.009, 23.137

Rectangle

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



67, 11.458, 201.254



67, 11.458, 251.254



67, 11.458, 21.254



67, 11.458, 71.254

Sweetspot

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



67, 11.459, 201.247



87, 4.562, 201.863



66, 22.055, 143.671



47, 3.045, 201.824



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, 11.459, 201.247



85, 16.641, 201.101



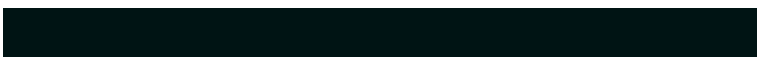
63, 10.975, 259.962



35, 3.410, 201.685



54, 32.043, 201.165



5, 6.300, 203.115

Inverse Universe

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



61, 21.872, 326.308



76, 32.194, 326.528



65, 11.478, 74.794



33, 6.299, 325.741



35, 75.223, 329.448



2, 11.340, 325.593

Previews

White Background



This preview shows how the CIELCh color 67, 11.458, 201.254 looks on a white background.

Color Contrast Check

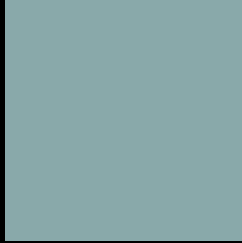
Large Text (above 18pt) WCAG AA × Fail

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, 11.458, 201.254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

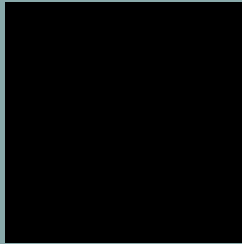
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

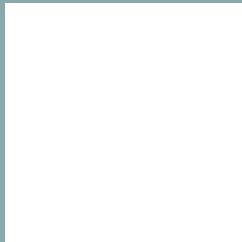
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 11.458, 201.254

Background



This preview shows how black text looks on a background with the CIELCh color 67, 11.458, 201.254.



This preview shows how white text looks on a background with the CIELCh color 67, 11.458, 201.254.

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](#).

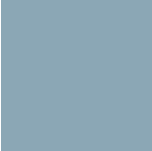
Dichromacy



Original Color
67, 11.458, 201.254

Protanopia
67, 2.503, 317.327

Deuteranopia
67, 9.850, 328.548



Tritanopia
67, 12.256, 238.124

Trichromacy



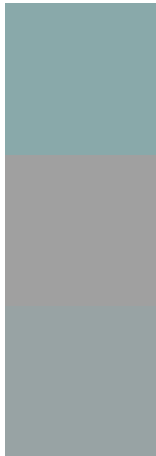
Original Color
67, 11.458, 201.254

Protanomaly
67, 3.857, 215.888

Deuteranomaly
67, 4.988, 286.442

Tritanomaly
67, 11.529, 224.316

Monochromacy



Original Color
67, 11.458, 201.254

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, 11.458, 201.254 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, 170)` looks like.

```
.text, #text, p{  
    color:rgb(137, 169, 170)  
}
```

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, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 169, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 11.458, 201.254 is called "border". The border property can be set on classes, ids or directly on the HTML element.

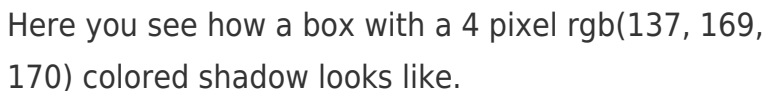
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(137, 169, 170) }
```

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

```
.border{ border-color:rgb(137, 169, 170) }
```

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, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 169, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 169, 170);  
box-shadow:4px 4px 4px 4px rgb(137, 169,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 11.458, 201.254 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, 170) }
```

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

```
.background{ background-color: rgb(137,  
169, 170) }
```

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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