

Converting Colors

CIELCh(67, 11.984, 205.325)

Have a look what the booklet for
CIELCh(67, 11.984, 205.325)
contains.

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Color

CIELCh(67, 11.801, 206.587)

Conversions

Conversions Part 1

Format	Color
Hex	88A9AC
RGB	136, 169, 172
RGB Percent	53%, 66%, 67%
CMY	0.4663, 0.3369, 0.3251
CMYK	0.21, 0.02, 0.00, 0.33
HSL	185°, 18%, 60%
HSV	185°, 21%, 67%
XYZ	31.8265, 36.6320, 44.4673
YIQ	159.4750, -20.6310, -6.0630

Conversions

Conversions Part 2

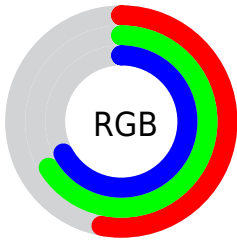
Format	Color
R _Y B	136, 153, 172
Decimal	8956332
CIE Lab	67.00, -10.55, -5.28
CIE LCh	67, 11.801, 206.587
Yxy	36.6320, 0.2818, 0.3244
Android (android.graphics.Color)	4287146412 (0xFF88A9AC)
YUV	159.4750, 6.1748, -20.5876
Hunter-Lab	60.5244, -12.0542, -1.1934

Details

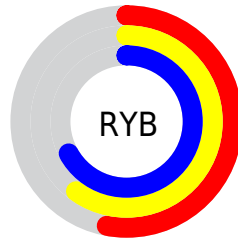
The CIELCh color `67, 11.801, 206.587` is a light color, and the websafe version is hex `669999`. A complement of this color would be `61, 13.579, 27.763`, and the grayscale version is `66, 0.008, 296.813`.

A 20% lighter version of the original color is `87, 11.698, 206.416`, and `47, 11.915, 206.790` is the 20% darker color. If you saturate the color by 10%, you get `66, 16.824, 206.513`, and if you desaturate by 10%, it is `69, 6.346, 206.769`.

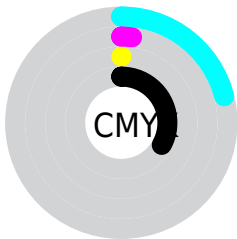
Distribution



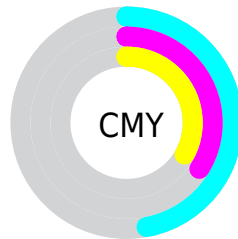
- Red (53%)
- Green (66%)
- Blue (67%)



- Red (53%)
- Yellow (60%)
- Blue (67%)



- Cyan (21%)
- Magenta (2%)
- Yellow (0%)
- Black (33%)





- Cyan (47%)
- Magenta (34%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 11.801, 206.587 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, 11.801, 206.587 by changing the saturation by 10% instead.


 67, 11.801,
206.587


 67, 11.801,
206.587


 100, 11.801,
206.587


 57, 11.801,
206.587


 87, 11.801,
206.587

 47, 11.801,
206.587

 97, 11.801,
206.587

 37, 11.801,
206.587

 27, 11.801,
206.587

 17, 11.801,
206.587

 7, 11.801, 206.587

 0, 11.801, 206.587

67, 11.801,
206.587

67, 11.801,
206.587

66, 16.824,
206.513

69, 6.346, 206.769

64, 21.320,
206.571

70, 0.548, 207.828

72, 5.511, 27.118

63, 25.197,
206.777

74, 11.761, 27.501

62, 28.374,
207.158

76, 18.143, 27.885

78, 24.609, 28.284

61, 30.797,
207.742

80, 30.494, 28.787

60, 32.448,
208.560

80, 30.066, 30.241

81, 29.658, 31.738

60, 33.358,
209.638

59, 33.723,

Harmonies

Complementary

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



67, 11.801, 206.587



61, 13.579, 27.763

Rectangle

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



67, 11.801, 206.587



67, 11.801, 256.587



67, 11.801, 26.587



67, 11.801, 76.587

Sweetspot

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



67, 11.801, 206.580



88, 4.380, 206.930



67, 23.204, 144.932



46, 2.897, 206.904



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, 11.801, 206.580



84, 17.232, 206.535



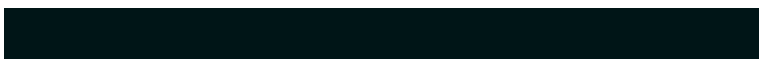
62, 12.554, 265.323



36, 3.324, 206.814



52, 30.573, 210.631



5, 6.983, 210.626

Inverse Universe

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



61, 22.968, 327.945



76, 34.064, 328.205



65, 12.969, 79.611



34, 6.226, 327.270



35, 73.107, 331.789



2, 12.758, 327.872

Previews

White Background



This preview shows how the CIELCh color 67, 11.801, 206.587 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, 11.801, 206.587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

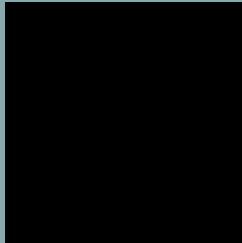
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

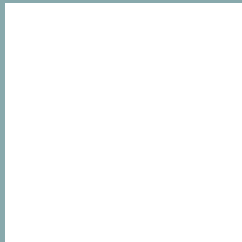
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 11.801, 206.587

Background



This preview shows how black text looks on a background with the CIELCh color 67, 11.801, 206.587.



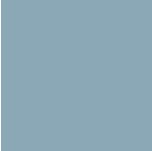
This preview shows how white text looks on a background with the CIELCh color 67, 11.801, 206.587.

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, 12.476, 234.026

Trichromacy



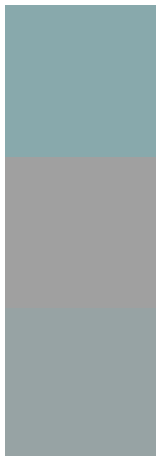
Original Color
67, 11.801, 206.587

Protanomaly
67, 4.583, 228.067

Deuteranomaly
67, 6.117, 283.900

Tritanomaly
67, 12.025, 226.122

Monochromacy



Original Color
67, 11.801, 206.587

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 4.489, 206.222

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 11.801, 206.587 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(136, 169, 172)` looks like.

```
.text, #text, p{  
    color:rgb(136, 169, 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(136, 169, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 169, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 11.801, 206.587 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(136, 169, 172) }
```

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

```
.border{ border-color:rgb(136, 169, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 169, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 169, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 169, 172);  
box-shadow:4px 4px 4px 4px rgb(136, 169,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 11.801, 206.587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 169, 172) }
```

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

```
.background{ background-color: rgb(136,  
169, 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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