

Converting Colors

CIELCh(67, 12.946, 232.699)

Have a look what the booklet for
CIELCh(67, 12.946, 232.699)
contains.

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Color

CIELCh(67, 13.012, 232.337)

Conversions

Conversions Part 1

Format	Color
Hex	88A8B5
RGB	136, 168, 181
RGB Percent	53%, 66%, 71%
CMY	0.4662, 0.3407, 0.2897
CMYK	0.25, 0.07, 0.00, 0.29
HSL	197°, 23%, 62%
HSV	197°, 25%, 71%
XYZ	32.5475, 36.6320, 49.1338
YIQ	159.9140, -23.2450, -2.7410

Conversions

Conversions Part 2

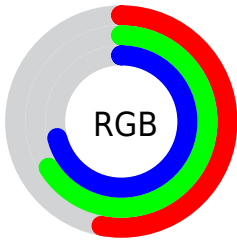
Format	Color
RYB	136, 155, 181
Decimal	8956085
CIELab	67.00, -7.95, -10.30
CIElCh	67, 13.012, 232.337
Yxy	36.6320, 0.2751, 0.3096
Android (android.graphics.Color)	4287146165 (0xFF88A8B5)
YUV	159.9140, 10.3954, -20.9726
Hunter-Lab	60.5244, -9.9276, -5.7647

Details

The CIELCh color **67, 13.012, 232.337** is a light color, and the websafe version is hex **669999**. A complement of this color would be **64, 15.084, 48.785**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 13.082, 233.034**, and **47, 12.941, 231.931** is the 20% darker color. If you saturate the color by 10%, you get **64, 17.705, 233.612**, and if you desaturate by 10%, it is **70, 7.976, 231.343**.

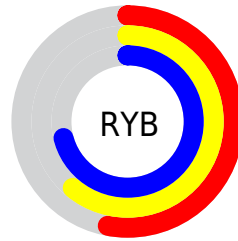
Distribution



Red (53%)

Green (66%)

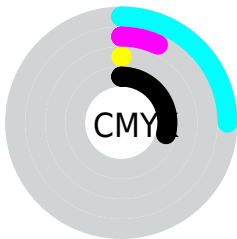
Blue (71%)



Red (53%)

Yellow (61%)

Blue (71%)

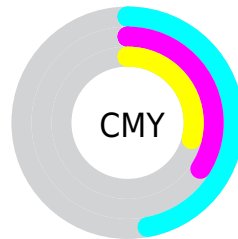


Cyan (25%)

Magenta (7%)

Yellow (0%)

Black (29%)



Cyan (47%)


Magenta (34%)


Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 13.012, 232.337 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, 13.012, 232.337 by changing the saturation by 10% instead.


 67, 13.012,
232.337


 67, 13.012,
232.337


 100, 13.012,
232.337


 57, 13.012,
232.337


 87, 13.012,
232.337

 47, 13.012,
232.337

 97, 13.012,
232.337

 37, 13.012,
232.337

 27, 13.012,
232.337

 17, 13.012,
232.337

 7, 13.012, 232.337

 0, 13.012, 232.337

67, 13.012,
232.337

67, 13.012,
232.337

64, 17.705,
233.612

70, 7.976, 231.343

62, 21.989,
235.246

72, 2.662, 230.671

75, 2.870, 49.711

60, 25.804,
237.314

78, 8.569, 49.341

57, 29.111,
239.905

81, 14.390, 48.991

84, 20.297, 48.713

55, 31.905,
243.104

86, 23.479, 51.986

53, 34.233,
246.973

87, 23.399, 59.890

89, 23.774, 67.681

52, 36.210,
251.509

51, 37.210,

253.929

Harmonies

Complementary

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



67, 13.012, 232.337



64, 15.084, 48.785

Rectangle

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



67, 13.012, 232.337



67, 13.012, 282.337



67, 13.012, 52.337



67, 13.012, 102.337

Sweetspot

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



67, 13.012, 232.331



91, 4.720, 230.777



70, 24.556, 151.736



48, 3.061, 230.811



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



67, 13.012, 232.331



83, 19.070, 233.016



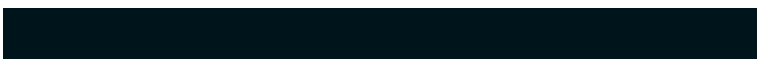
61, 20.046, 282.751



37, 3.115, 230.917



44, 33.091, 253.280



5, 8.636, 243.442

Inverse Universe

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



62, 24.669, 335.560



76, 36.744, 335.993



70, 19.567, 96.488



36, 5.645, 334.430



34, 64.431, 343.798



3, 14.198, 338.699

Previews

White Background



This preview shows how the CIELCh color 67, 13.012, 232.337 looks on a white background.

Color Contrast Check

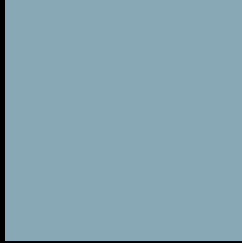
Large Text (above 18pt) WCAG AA × Fail

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, 13.012, 232.337 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

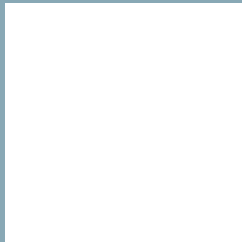
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 13.012, 232.337

Background



This preview shows how black text looks on a background with the CIELCh color 67, 13.012, 232.337.



This preview shows how white text looks on a background with the CIELCh color 67, 13.012, 232.337.

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, 13.012, 232.337

Trichromacy



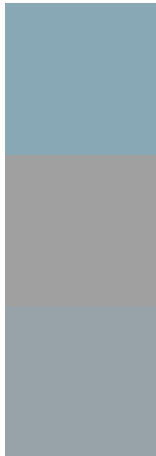
Original Color
67, 13.012, 232.337

Protanomaly
67, 8.764, 261.500

Deuteranomaly
67, 11.167, 282.094

Tritanomaly
67, 13.012, 232.337

Monochromacy



Original Color
67, 13.012, 232.337

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 5.165, 231.641

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 13.012, 232.337 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, 168, 181)` looks like.

```
.text, #text, p{  
    color:rgb(136, 168, 181)  
}
```

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, 168, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 168, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 13.012, 232.337 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, 168, 181) }
```

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

```
.border{ border-color:rgb(136, 168, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 168, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 168, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 168, 181);  
box-shadow:4px 4px 4px 4px rgb(136, 168,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 13.012, 232.337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 168, 181) }
```

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

```
.background{ background-color: rgb(136,  
168, 181) }
```

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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