

Converting Colors

CIELCh(67, 13.273, 231.534)

Have a look what the booklet for
CIELCh(67, 13.273, 231.534)
contains.

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Color

CIELCh(67, 13.282, 231.548)

Conversions

Conversions Part 1

Format	Color
Hex	87A8B5
RGB	135, 168, 181
RGB Percent	53%, 66%, 71%
CMY	0.4695, 0.3401, 0.2891
CMYK	0.25, 0.07, 0.00, 0.29
HSL	197°, 24%, 62%
HSV	197°, 25%, 71%
XYZ	32.4613, 36.6320, 49.2309
YIQ	159.6150, -23.8410, -2.9530

Conversions

Conversions Part 2

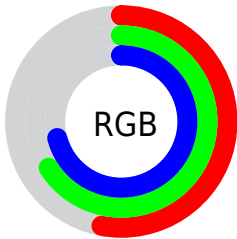
Format	Color
RYB	135, 154, 181
Decimal	8890549
CIELab	67.00, -8.26, -10.40
CIELCh	67, 13.282, 231.548
Yxy	36.6320, 0.2743, 0.3096
Android (android.graphics.Color)	4287080629 (0xFF87A8B5)
YUV	159.6150, 10.5428, -21.5874
Hunter-Lab	60.5244, -10.1818, -5.8598

Details

The CIELCh color $67, 13.282, 231.548$ is a light color, and the websafe version is hex 669999 . A complement of this color would be $64, 15.479, 48.064$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 13.346, 232.253$, and $47, 13.209, 231.142$ is the 20% darker color. If you saturate the color by 10%, you get $64, 17.949, 232.803$, and if you desaturate by 10%, it is $70, 8.262, 230.572$.

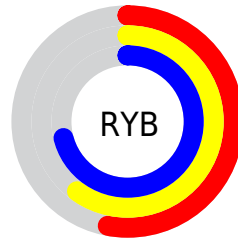
Distribution



Red (53%)

Green (66%)

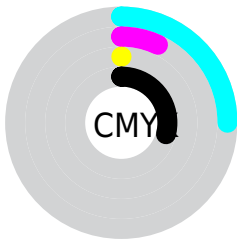
Blue (71%)



Red (53%)

Yellow (60%)

Blue (71%)

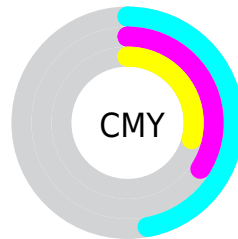


Cyan (25%)

Magenta (7%)

Yellow (0%)

Black (29%)



Cyan (47%)


Magenta (34%)

Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 13.282, 231.548 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, 13.282, 231.548 by changing the saturation by 10% instead.

 67, 13.282,
231.548

 67, 13.282,
231.548


 100, 13.282,
231.548


 57, 13.282,
231.548


 87, 13.282,
231.548

 47, 13.282,
231.548

 97, 13.282,
231.548

 37, 13.282,
231.548

 27, 13.282,
231.548

 17, 13.282,
231.548

 7, 13.282, 231.548

 0, 13.282, 231.548

67, 13.282,
231.548

67, 13.282,
231.548

64, 17.949,
232.803

70, 8.262, 230.572

62, 22.195,
234.418

72, 2.955, 229.904

75, 2.577, 48.959

60, 25.960,
236.465

78, 8.282, 48.624

58, 29.203,
239.034

81, 14.113, 48.293

84, 20.035, 48.031

56, 31.920,
242.212

86, 23.464, 50.926

54, 34.161,
246.062

87, 23.322, 58.678

88, 23.618, 66.366

52, 36.042,
250.577

51, 36.899,

252.724

Harmonies

Complementary

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



67, 13.282, 231.548



64, 15.479, 48.064

Rectangle

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



67, 13.282, 231.548



67, 13.282, 281.548



67, 13.282, 51.548



67, 13.282, 101.548

Sweetspot

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



67, 13.282, 231.542



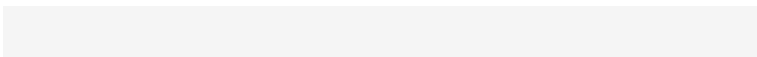
90, 5.387, 230.043



70, 25.416, 151.060



47, 3.813, 230.137



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, 13.282, 231.542



83, 19.066, 232.148



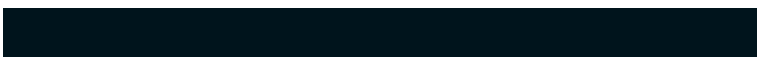
61, 20.103, 281.824



37, 3.117, 230.119



44, 32.800, 252.077



5, 8.613, 242.511

Inverse Universe

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



62, 25.327, 335.339



76, 36.902, 335.729



70, 19.684, 95.326



36, 5.670, 334.179



34, 64.695, 343.357



3, 14.274, 338.353

Previews

White Background



This preview shows how the CIELCh color 67, 13.282, 231.548 looks on a white background.

Color Contrast Check

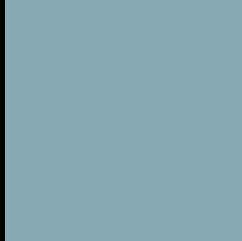
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 67, 13.282, 231.548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

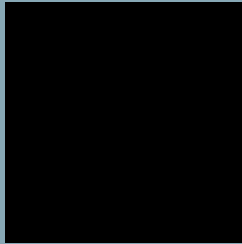
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

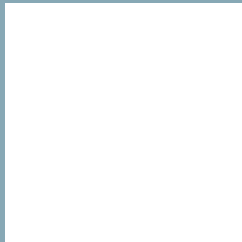
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 13.282, 231.548

Background



This preview shows how black text looks on a background with the CIELCh color 67, 13.282, 231.548.



This preview shows how white text looks on a background with the CIELCh color 67, 13.282, 231.548.

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](#).

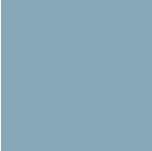
Dichromacy



Original Color
67, 13.282, 231.548

Protanopia
67, 8.297, 288.518

Deuteranopia
67, 14.473, 307.601



Tritanopia
67, 13.543, 233.670

Trichromacy



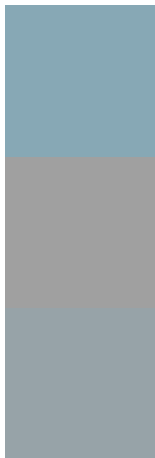
Original Color
67, 13.282, 231.548

Protanomaly
67, 9.243, 263.300

Deuteranomaly
67, 11.167, 282.094

Tritanomaly
67, 13.543, 233.670

Monochromacy



Original Color
67, 13.282, 231.548

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, 13.282, 231.548 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(135, 168, 181)` looks like.

```
.text, #text, p{  
    color:rgb(135, 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(135, 168, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 168, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 13.282, 231.548 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(135, 168, 181) }
```

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

```
.border{ border-color:rgb(135, 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(135, 168, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 168, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 168, 181);  
box-shadow:4px 4px 4px 4px rgb(135, 168,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 13.282, 231.548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 168, 181) }
```

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

```
.background{ background-color: rgb(135,  
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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