

Converting Colors

CIELCh(67, 13.215, 183.437)

Have a look what the booklet for
CIELCh(67, 13.215, 183.437)
contains.

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Color

CIELCh(67, 13.197, 183.697)

Conversions

Conversions Part 1

Format	Color
Hex	87AAA4
RGB	135, 170, 164
RGB Percent	53%, 67%, 64%
CMY	0.4702, 0.3329, 0.3565
CMYK	0.21, 0.00, 0.04, 0.33
HSL	170°, 17%, 60%
HSV	170°, 21%, 67%
XYZ	31.1124, 36.6320, 40.6018
YIQ	158.8510, -18.9340, -9.2860

Conversions

Conversions Part 2

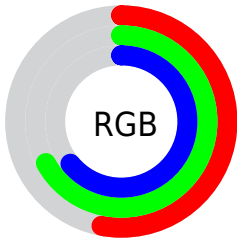
Format	Color
RYB	135, 154, 170
Decimal	8891044
CIELab	67.00, -13.17, -0.85
CIElCh	67, 13.197, 183.697
Yxy	36.6320, 0.2872, 0.3381
Android (android.graphics.Color)	4287081124 (0xFF87AAA4)
YUV	158.8510, 2.5385, -20.9173
Hunter-Lab	60.5244, -14.1602, 2.5933

Details

The CIELCh color $67, 13.197, 183.697$ is a light color, and the websafe version is hex 669999 . A complement of this color would be $60, 14.427, 7.459$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 12.960, 184.472$, and $47, 13.515, 182.606$ is the 20% darker color. If you saturate the color by 10%, you get $66, 19.162, 182.752$, and if you desaturate by 10%, it is $68, 6.904, 184.612$.

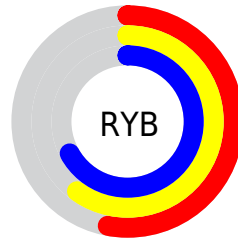
Distribution



Red (53%)

Green (67%)

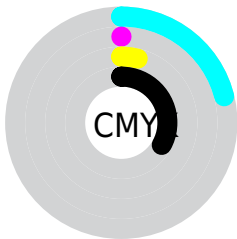
Blue (64%)



Red (53%)

Yellow (60%)

Blue (67%)

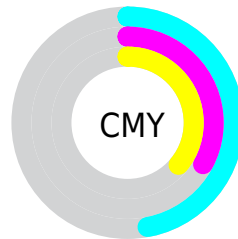


Cyan (21%)

Magenta (0%)

Yellow (4%)

Black (33%)



Cyan (47%)


Magenta (33%)


Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 13.197, 183.697 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, 13.197, 183.697 by changing the saturation by 10% instead.


 67, 13.197,
183.697


 67, 13.197,
183.697


 100, 13.197,
183.697


 57, 13.197,
183.697


 87, 13.197,
183.697

 47, 13.197,
183.697

 97, 13.197,
183.697

 37, 13.197,
183.697

 27, 13.197,
183.697

 17, 13.197,
183.697

 7, 13.197, 183.697

 0, 13.197, 183.697

67, 13.197,
183.697

67, 13.197,
183.697

66, 19.162,
182.752

68, 6.904, 184.612

65, 24.691,
181.764

70, 0.380, 186.608

71, 6.290, 6.149

64, 29.676,
180.711

73, 13.031, 6.985

64, 34.021,
179.575

74, 19.788, 7.771

76, 26.514, 8.530

63, 37.653,
178.336

78, 33.179, 9.265

63, 40.536,
176.970

78, 33.669, 6.827

78, 33.921, 4.263

62, 42.686,
175.460

62, 44.223,

173.945

Harmonies

Complementary

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



67, 13.197, 183.697



60, 14.427, 7.459

Rectangle

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



67, 13.197, 183.697



67, 13.197, 233.697



67, 13.197, 3.697



67, 13.197, 53.697

Sweetspot

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



67, 13.198, 183.692



87, 4.889, 185.045



67, 22.309, 138.289



47, 3.267, 184.981



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, 13.198, 183.692



85, 19.691, 183.239



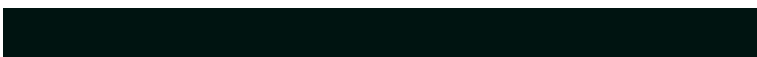
64, 10.370, 235.569



35, 3.668, 184.734



55, 39.805, 174.155



5, 6.947, 181.240

Inverse Universe

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



60, 14.427, 7.459



74, 22.024, 8.067



62, 11.605, 52.182



33, 3.815, 6.213



30, 62.494, 30.498



1, 6.740, 7.323

Previews

White Background



This preview shows how the CIELCh color 67, 13.197, 183.697 looks on a white background.

Color Contrast Check

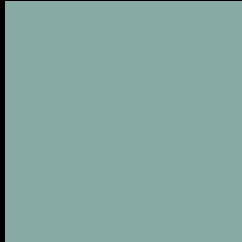
Large Text (above 18pt) WCAG AA × Fail

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, 13.197, 183.697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

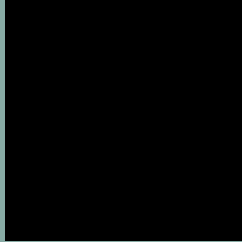
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

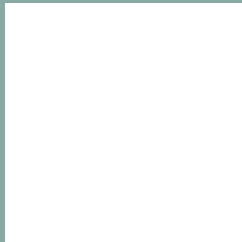
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 13.197, 183.697

Background



This preview shows how black text looks on a background with the CIELCh color 67, 13.197, 183.697.

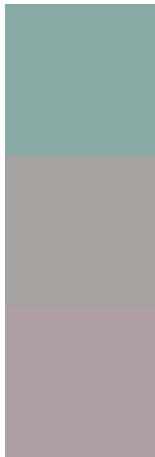


This preview shows how white text looks on a background with the CIELCh color 67, 13.197, 183.697.

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](#).

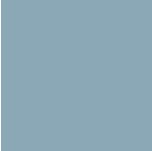
Dichromacy



Original Color
67, 13.197, 183.697

Protanopia
67, 2.242, 66.698

Deuteranopia
67, 8.500, 344.454



Tritanopia
67, 12.476, 234.026

Trichromacy



Original Color
67, 13.197, 183.697

Protanomaly
67, 4.397, 168.977

Deuteranomaly
67, 2.244, 280.799

Tritanomaly
67, 11.684, 215.099

Monochromacy



Original Color
67, 13.197, 183.697

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 5.011, 186.261

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 13.197, 183.697 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, 170, 164)` looks like.

```
.text, #text, p{  
    color:rgb(135, 170, 164)  
}
```

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, 170, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 170, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 13.197, 183.697 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, 170, 164) }
```

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

```
.border{ border-color:rgb(135, 170, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 170, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 170, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 170, 164);  
box-shadow:4px 4px 4px 4px rgb(135, 170,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 13.197, 183.697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 170, 164) }
```

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

```
.background{ background-color: rgb(135,  
170, 164) }
```

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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