

Converting Colors

CIELCh(67, 13.068, 190.119)

Have a look what the booklet for
CIELCh(67, 13.068, 190.119)
contains.

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Color

CIELCh(67, 13.077, 191.000)

Conversions

Conversions Part 1

Format	Color
Hex	86AAA7
RGB	134, 170, 167
RGB Percent	53%, 67%, 65%
CMY	0.4743, 0.3331, 0.3449
CMYK	0.21, 0.00, 0.02, 0.33
HSL	175°, 17%, 60%
HSV	175°, 21%, 67%
XYZ	31.2026, 36.6320, 42.0090
YIQ	158.8940, -20.4930, -8.5650

Conversions

Conversions Part 2

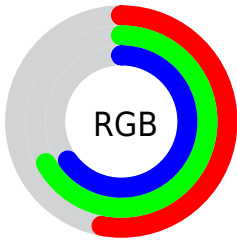
Format	Color
RYB	134, 153, 170
Decimal	8825511
CIELab	67.00, -12.84, -2.50
CIELCh	67, 13.077, 191.000
Yxy	36.6320, 0.2841, 0.3335
Android (android.graphics.Color)	4287015591 (0xFF86AAA7)
YUV	158.8940, 3.9963, -21.8320
Hunter-Lab	60.5244, -13.8941, 1.2148

Details

The CIELCh color **67, 13.077, 191.000** is a light color, and the websafe version is hex **669999**. A complement of this color would be **59, 14.679, 14.371**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 12.890, 191.525**, and **47, 13.305, 190.230** is the 20% darker color. If you saturate the color by 10%, you get **66, 18.689, 190.250**, and if you desaturate by 10%, it is **68, 7.066, 191.756**.

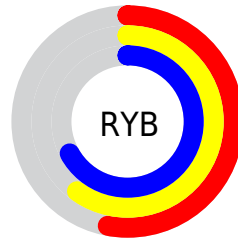
Distribution



Red (53%)

Green (67%)

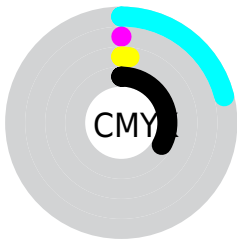
Blue (65%)



Red (53%)

Yellow (60%)

Blue (67%)

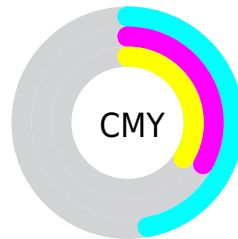


Cyan (21%)

Magenta (0%)

Yellow (2%)

Black (33%)



Cyan (47%)

Magenta (33%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 13.077, 191.000 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, 13.077, 191.000 by changing the saturation by 10% instead.

■ 67, 13.077,
191.000

■ 67, 13.077,
191.000

■ 100, 13.077,
191.000

■ 57, 13.077,
191.000

■ 87, 13.077,
191.000

■ 47, 13.077,
191.000

■ 97, 13.077,
191.000

■ 37, 13.077,
191.000

■ 27, 13.077,
191.000

■ 17, 13.077,
191.000

■ 7, 13.077, 191.000

■ 0, 13.077, 191.000

67, 13.077,
191.000

67, 13.077,
191.000

66, 18.689,
190.250

68, 7.066, 191.756

65, 23.795,
189.503

69, 0.753, 193.051

71, 5.771, 13.058

64, 28.295,
188.745

72, 12.431, 13.824

64, 32.103,
187.966

74, 19.163, 14.552

76, 25.916, 15.266

63, 35.157,
187.152

78, 32.652, 15.967

63, 37.437,
186.289

78, 33.391, 14.909

78, 33.390, 13.629

63, 38.969,
185.361

63, 39.878,

184.499

Harmonies

Complementary

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



67, 13.077, 191.000



59, 14.679, 14.371

Rectangle

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



67, 13.077, 191.000



67, 13.077, 241.000



67, 13.077, 11.000



67, 13.077, 61.000

Sweetspot

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



67, 13.078, 190.995



87, 4.757, 192.180



66, 23.565, 140.546



47, 3.177, 192.123



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, 13.078, 190.995



85, 18.943, 190.675



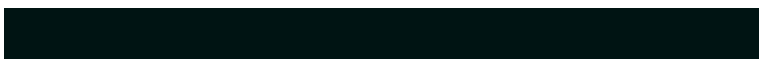
63, 10.949, 246.535



35, 3.563, 191.908



55, 35.954, 184.623



5, 6.677, 189.984

Inverse Universe

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



59, 14.679, 14.371



73, 21.814, 14.871



63, 11.984, 61.761



33, 3.740, 13.165



30, 66.094, 35.879



1, 6.617, 13.453

Previews

White Background



This preview shows how the CIE LCh color 67, 13.077, 191.000 looks on a white background.

Color Contrast Check

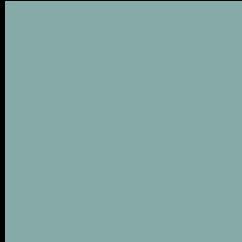
Large Text (above 18pt) WCAG AA × Fail

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, 13.077, 191.000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

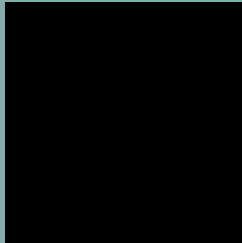
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 13.077, 191.000

Background



This preview shows how black text looks on a background with the CIELCh color 67, 13.077, 191.000.

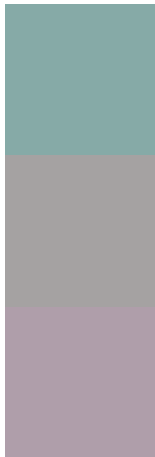


This preview shows how white text looks on a background with the CIELCh color 67, 13.077, 191.000.

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, 13.077, 191.000

Protanopia
67, 1.144, 19.096

Deuteranopia
67, 9.275, 334.667



Tritanopia
67, 12.743, 233.163

Trichromacy



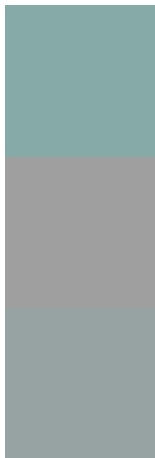
Original Color
67, 13.077, 191.000

Protanomaly
67, 4.158, 191.508

Deuteranomaly
67, 3.934, 279.689

Tritanomaly
67, 12.116, 217.231

Monochromacy



Original Color
67, 13.077, 191.000

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 4.897, 192.559

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 13.077, 191.000 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(134, 170, 167)` looks like.

```
.text, #text, p{  
    color:rgb(134, 170, 167)  
}
```

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(134, 170, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 170, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 13.077, 191.000 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(134, 170, 167) }
```

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

```
.border{ border-color:rgb(134, 170, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 170, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 170, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 170, 167);  
box-shadow:4px 4px 4px 4px rgb(134, 170,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 13.077, 191.000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 170, 167) }
```

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

```
.background{ background-color: rgb(134,  
170, 167) }
```

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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