

Converting Colors

CIELCh(67, 13.724, 170.995)

Have a look what the booklet for
CIELCh(67, 13.724, 170.995)
contains.

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Color

CIELCh(67, 13.711, 171.904)

Conversions

Conversions Part 1

Format	Color
Hex	89AA9F
RGB	137, 170, 159
RGB Percent	54%, 67%, 62%
CMY	0.4623, 0.3328, 0.3760
CMYK	0.19, 0.00, 0.06, 0.33
HSL	160°, 16%, 60%
HSV	160°, 19%, 67%
XYZ	31.0028, 36.6320, 38.2931
YIQ	158.8790, -16.1370, -10.4170

Conversions

Conversions Part 2

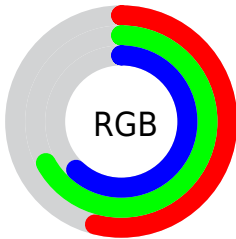
Format	Color
RYB	137, 157, 170
Decimal	9022111
CIELab	67.00, -13.57, 1.93
CIELCh	67, 13.711, 171.904
Yxy	36.6320, 0.2927, 0.3458
Android (android.graphics.Color)	4287212191 (0xFF89AA9F)
YUV	158.8790, 0.0597, -19.1879
Hunter-Lab	60.5244, -14.4832, 4.8549

Details

The CIELCh color $67, 13.711, 171.904$ is a light color, and the websafe version is hex 669999 . A complement of this color would be $60, 14.398, 355.580$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 13.369, 172.966$, and $47, 13.893, 172.597$ is the 20% darker color. If you saturate the color by 10%, you get $66, 20.525, 170.840$, and if you desaturate by 10%, it is $68, 6.694, 172.900$.

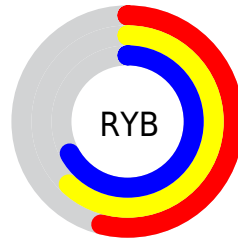
Distribution



Red (54%)

Green (67%)

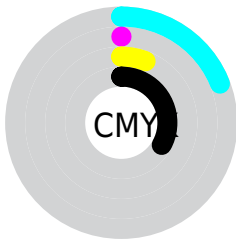
Blue (62%)



Red (54%)

Yellow (62%)

Blue (67%)

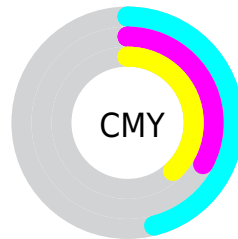


Cyan (19%)

Magenta (0%)

Yellow (6%)

Black (33%)



Cyan (46%)


Magenta (33%)

Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 13.711, 171.904 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, 13.711, 171.904 by changing the saturation by 10% instead.


 67, 13.711,
171.904


 67, 13.711,
171.904


 100, 13.711,
171.904


 57, 13.711,
171.904


 87, 13.711,
171.904


 47, 13.711,
171.904


 97, 13.711,
171.904

 37, 13.711,
171.904

 27, 13.711,
171.904

 17, 13.711,
171.904

 7, 13.711, 171.904

 0, 13.711, 171.904

67, 13.711,
171.904

67, 13.711,
171.904

66, 20.525,
170.840

68, 6.694, 172.900

70, 0.433, 352.784

65, 27.022,
169.685

71, 7.590, 354.524

64, 33.087,
168.412

73, 14.713,
355.344

63, 38.608,
166.997

75, 21.753,
356.104

63, 43.491,
165.416

77, 28.676,
356.822

62, 47.675,
163.646


79, 35.049,
357.130


62, 51.153,
161.677

79, 36.124,
352.668

62, 54.074,

159.574

 79, 37.424,
348.512

 62, 54.246,
159.452

Harmonies

Complementary

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



67, 13.711, 171.904



60, 14.398, 355.580

Rectangle

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



67, 13.711, 171.904



67, 13.711, 221.904



67, 13.711, 351.904



67, 13.711, 41.904

Sweetspot

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



67, 13.712, 171.901



87, 5.309, 173.236



67, 20.005, 133.290



47, 3.549, 173.170



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, 13.712, 171.901



85, 20.087, 171.485



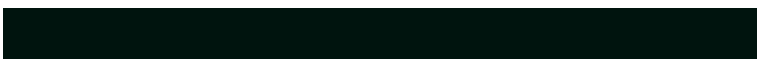
66, 10.333, 214.098



35, 3.995, 172.912



54, 48.714, 159.730



5, 7.698, 168.788

Inverse Universe

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



60, 14.398, 355.580



75, 21.314, 356.050



61, 11.752, 34.001



33, 4.090, 354.485



31, 57.333, 16.954



2, 7.155, 356.867

Previews

White Background



This preview shows how the CIELCh color 67, 13.711, 171.904 looks on a white background.

Color Contrast Check

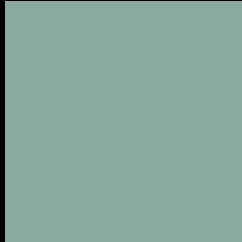
Large Text (above 18pt) WCAG AA × Fail

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, 13.711, 171.904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

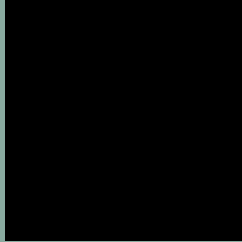
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 13.711, 171.904

Background



This preview shows how black text looks on a background with the CIELCh color 67, 13.711, 171.904.

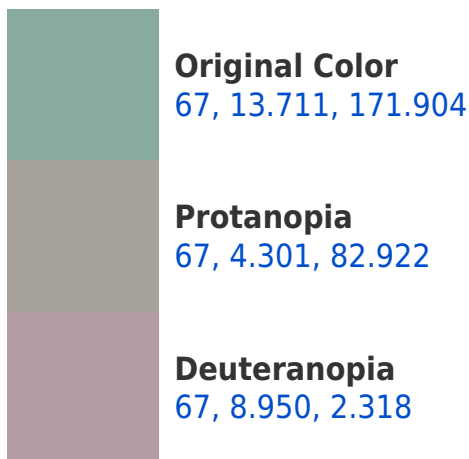


This preview shows how white text looks on a background with the CIELCh color 67, 13.711, 171.904.

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, 11.433, 237.927

Trichromacy



Original Color
67, 13.711, 171.904

Protanomaly
67, 6.069, 144.174

Deuteranomaly
67, 0.933, 55.105

Tritanomaly
67, 10.207, 211.189

Monochromacy



Original Color
67, 13.711, 171.904

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 5.067, 173.113

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 13.711, 171.904 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(137, 170, 159)` looks like.

```
.text, #text, p{  
    color:rgb(137, 170, 159)  
}
```

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(137, 170, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 170, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 13.711, 171.904 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(137, 170, 159) }
```

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

```
.border{ border-color:rgb(137, 170, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 170, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 170, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 170, 159);  
box-shadow:4px 4px 4px 4px rgb(137, 170,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 13.711, 171.904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 170, 159) }
```

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

```
.background{ background-color: rgb(137,  
170, 159) }
```

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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