

Converting Colors

CIELCh(67, 21.816, 142.061)

Have a look what the booklet for
CIELCh(67, 21.816, 142.061)
contains.

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Color

CIELCh(67, 21.845, 141.704)

Conversions

Conversions Part 1

Format	Color
Hex	8CAB8A
RGB	140, 171, 138
RGB Percent	55%, 67%, 54%
CMY	0.4502, 0.3286, 0.4581
CMYK	0.18, 0.00, 0.19, 0.33
HSL	116°, 16%, 61%
HSV	116°, 19%, 67%
XYZ	30.0481, 36.6320, 29.6032
YIQ	157.9690, -7.8830, -16.8350

Conversions

Conversions Part 2

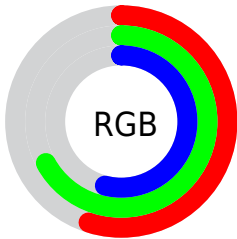
Format	Color
RYB	138, 171, 169
Decimal	9218954
CIELab	67.00, -17.14, 13.54
CIELCh	67, 21.845, 141.704
Yxy	36.6320, 0.3121, 0.3805
Android (android.graphics.Color)	4287409034 (0xFF8CAB8A)
YUV	157.9690, -9.8447, -15.7588
Hunter-Lab	60.5244, -17.2990, 13.3676

Details

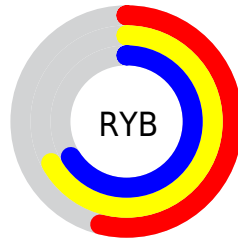
The CIELCh color $67, 21.845, 141.704$ is a dark color, and the websafe version is hex $99CC99$. A complement of this color would be $61, 21.911, 323.764$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 21.791, 141.269$, and $47, 22.140, 141.998$ is the 20% darker color. If you saturate the color by 10%, you get $66, 33.187, 140.985$, and if you desaturate by 10%, it is $69, 10.467, 142.335$.

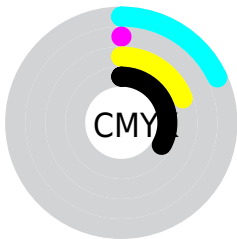
Distribution



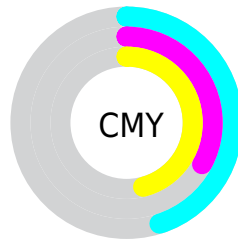
- Red (55%)
- Green (67%)
- Blue (54%)



- Red (54%)
- Yellow (67%)
- Blue (66%)



- Cyan (18%)
- Magenta (0%)
- Yellow (19%)
- Black (33%)





- Cyan (45%)
- Magenta (33%)
- Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 21.845, 141.704 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, 21.845, 141.704 by changing the saturation by 10% instead.


 67, 21.845,
141.704


 67, 21.845,
141.704


 100, 21.845,
141.704


 57, 21.845,
141.704


 87, 21.845,
141.704

 47, 21.845,
141.704

 97, 21.845,
141.704

 37, 21.845,
141.704

 27, 21.845,
141.704

 17, 21.845,
141.704

 7, 21.845, 141.704

 0, 21.845, 141.704

67, 21.845,
141.704

67, 21.845,
141.704

66, 33.187,
140.985

69, 10.467,
142.335

64, 44.299,
140.168

70, 0.813, 322.577

63, 54.938,
139.266

72, 11.896,
323.277

63, 64.785,
138.314

74, 22.718,
323.669

62, 73.449,
137.384

76, 33.238,
323.997

62, 80.476,
136.588

78, 43.436,
324.274


61, 85.431,
136.059

80, 52.020,
325.462

61, 88.344,

81, 52.372,
326.231

135.772

 61, 88.523,
135.740

Harmonies

Complementary

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



67, 21.845, 141.704



61, 21.911, 323.764

Rectangle

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



67, 21.845, 141.704



67, 21.845, 191.704



67, 21.845, 321.704



67, 21.845, 11.704

Sweetspot

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



67, 21.847, 141.704



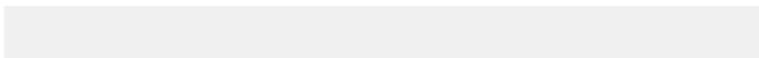
87, 8.334, 142.523



69, 16.824, 105.420



46, 5.576, 142.486



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, 21.847, 141.704



84, 32.199, 141.419



67, 16.244, 158.661



36, 6.452, 142.333



54, 80.445, 135.694



6, 13.637, 143.116

Inverse Universe

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



61, 21.911, 323.764



76, 32.300, 323.971



61, 16.524, 341.756



34, 6.468, 323.254



34, 78.219, 325.898



2, 13.475, 322.049

Previews

White Background



This preview shows how the CIELCh color 67, 21.845, 141.704 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, 21.845, 141.704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

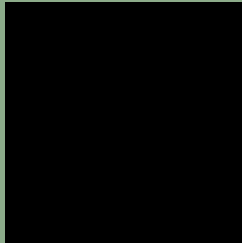
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

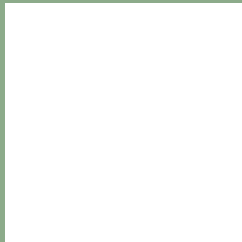
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 21.845, 141.704

Background



This preview shows how black text looks on a background with the CIELCh color 67, 21.845, 141.704.

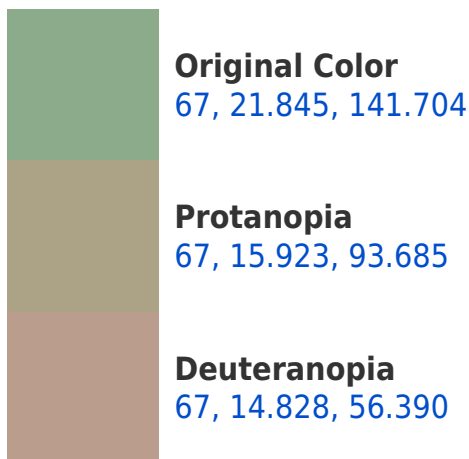


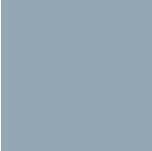
This preview shows how white text looks on a background with the CIELCh color 67, 21.845, 141.704.

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, 9.719, 246.857

Trichromacy



Original Color
67, 21.845, 141.704

Protanomaly
67, 16.041, 115.693

Deuteranomaly
67, 12.421, 95.791

Tritanomaly
67, 8.811, 184.135

Monochromacy



Original Color
67, 21.845, 141.704

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 7.908, 141.832

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 21.845, 141.704 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(140, 171, 138)` looks like.

```
.text, #text, p{  
    color:rgb(140, 171, 138)  
}
```

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(140, 171, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 171, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 21.845, 141.704 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(140, 171, 138) }
```

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

```
.border{ border-color:rgb(140, 171, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 171, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 171, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 171, 138);  
box-shadow:4px 4px 4px 4px rgb(140, 171,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 21.845, 141.704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 171, 138) }
```

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

```
.background{ background-color: rgb(140,  
171, 138) }
```

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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