

Converting Colors

CIELCh(67, 21.606, 150.317)

Have a look what the booklet for
CIELCh(67, 21.606, 150.317)
contains.

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Color

CIELCh(67, 21.675, 150.269)

Conversions

Conversions Part 1

Format	Color
Hex	86AC8F
RGB	134, 172, 143
RGB Percent	53%, 67%, 56%
CMY	0.4739, 0.3249, 0.4386
CMYK	0.22, 0.00, 0.17, 0.32
HSL	134°, 19%, 60%
HSV	134°, 22%, 68%
XYZ	29.6063, 36.6320, 31.5561
YIQ	157.3320, -13.3390, -17.0750

Conversions

Conversions Part 2

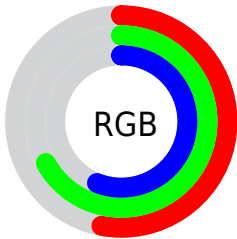
Format	Color
RYB	134, 165, 172
Decimal	8825999
CIELab	67.00, -18.82, 10.75
CIELCh	67, 21.675, 150.269
Yxy	36.6320, 0.3027, 0.3746
Android (android.graphics.Color)	4287016079 (0xFF86AC8F)
YUV	157.3320, -7.0657, -20.4622
Hunter-Lab	60.5244, -18.6018, 11.4545

Details

The CIELCh color $67, 21.675, 150.269$ is a dark color, and the websafe version is hex $99CC99$. A complement of this color would be $60, 21.797, 333.272$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 21.821, 150.193$, and $47, 21.699, 150.121$ is the 20% darker color. If you saturate the color by 10%, you get $66, 31.447, 149.360$, and if you desaturate by 10%, it is $68, 11.824, 151.063$.

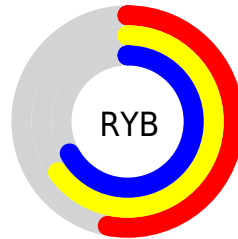
Distribution



Red (53%)

Green (67%)

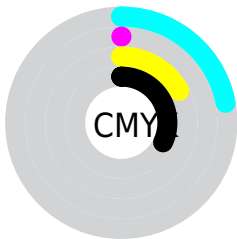
Blue (56%)



Red (53%)

Yellow (65%)

Blue (67%)

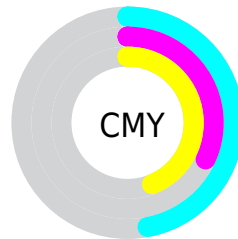


Cyan (22%)

Magenta (0%)

Yellow (17%)

Black (32%)



Cyan (47%)


Magenta (32%)


Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 21.675, 150.269 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, 21.675, 150.269 by changing the saturation by 10% instead.


 67, 21.675,
150.269


 67, 21.675,
150.269


 100, 21.675,
150.269


 57, 21.675,
150.269

 87, 21.675,
150.269

 47, 21.675,
150.269

 97, 21.675,
150.269

 37, 21.675,
150.269

 27, 21.675,
150.269

 17, 21.675,
150.269

 7, 21.675, 150.269

 0, 21.675, 150.269

67, 21.675,
150.269

67, 21.675,
150.269

66, 31.447,
149.360

68, 11.824,
151.063

65, 40.979,
148.312

70, 2.016, 151.860

72, 7.655, 332.274

64, 50.091,
147.108

74, 17.118,
332.815

63, 58.586,
145.738

76, 26.331,
333.279

62, 66.263,
144.204

78, 35.265,
333.690

62, 72.942,
142.536


80, 43.909,
334.056

62, 78.477,
140.793

81, 49.029,
328.593

61, 82.077,

139.503

 81, 51.787,
326.211

Harmonies

Complementary

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



67, 21.675, 150.269



60, 21.797, 333.272

Rectangle

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



67, 21.675, 150.269



67, 21.675, 200.269



67, 21.675, 330.269



67, 21.675, 20.269

Sweetspot

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



67, 21.677, 150.269



88, 8.476, 151.428



69, 20.976, 117.869



46, 5.503, 151.387



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, 21.677, 150.269



84, 31.666, 149.886



67, 15.037, 176.263



36, 5.567, 151.268



54, 73.967, 139.710



6, 12.106, 150.293

Inverse Universe

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



60, 21.797, 333.272



75, 31.857, 333.576



60, 16.146, 0.564



34, 5.588, 332.406



33, 65.169, 340.238



2, 11.069, 334.986

Previews

White Background



This preview shows how the CIELCh color 67, 21.675, 150.269 looks on a white background.

Color Contrast Check

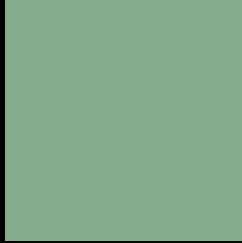
Large Text (above 18pt) WCAG AA × Fail

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, 21.675, 150.269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

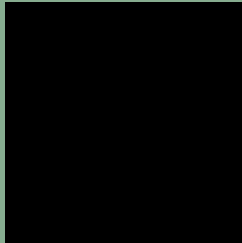
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 21.675, 150.269

Background



This preview shows how black text looks on a background with the CIELCh color 67, 21.675, 150.269.

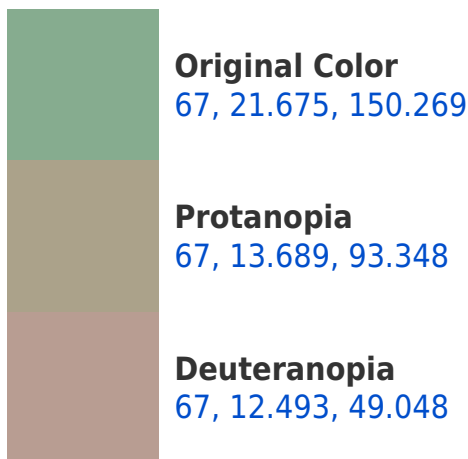


This preview shows how white text looks on a background with the CIELCh color 67, 21.675, 150.269.

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, 21.675, 150.269

Protanomaly
67, 14.633, 121.220

Deuteranomaly
67, 9.965, 102.273

Tritanomaly
67, 10.953, 192.689

Monochromacy



Original Color
67, 21.675, 150.269

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 8.159, 150.515

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 21.675, 150.269 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, 172, 143)` looks like.

```
.text, #text, p{  
    color:rgb(134, 172, 143)  
}
```

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, 172, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 172, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 21.675, 150.269 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, 172, 143) }
```

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

```
.border{ border-color:rgb(134, 172, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 172, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 172, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 172, 143);  
box-shadow:4px 4px 4px 4px rgb(134, 172,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 21.675, 150.269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 172, 143) }
```

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

```
.background{ background-color: rgb(134,  
172, 143) }
```

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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