

Converting Colors

CIELCh(67, 16.574, 188.377)

Have a look what the booklet for
CIELCh(67, 16.574, 188.377)
contains.

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Color

CIELCh(67, 16.574, 188.377)

Conversions

Conversions Part 1

Format	Color
Hex	7EACA7
RGB	126, 172, 167
RGB Percent	49%, 67%, 65%
CMY	0.5066, 0.3263, 0.3459
CMYK	0.27, 0.00, 0.03, 0.33
HSL	173°, 22%, 58%
HSV	173°, 27%, 67%
XYZ	30.2463, 36.6320, 41.9392
YIQ	157.6760, -25.8110, -11.3070

Conversions

Conversions Part 2

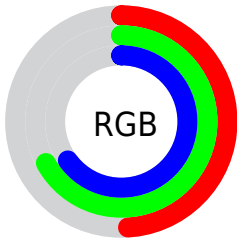
Format	Color
RYB	126, 150, 172
Decimal	8301735
CIELab	67.00, -16.40, -2.41
CIELCh	67, 16.574, 188.377
Yxy	36.6320, 0.2780, 0.3366
Android (android.graphics.Color)	4286491815 (0xFF7EACA7)
YUV	157.6760, 4.5967, -27.7799
Hunter-Lab	60.5244, -16.7145, 1.2831

Details

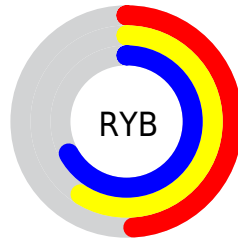
The CIELCh color **67, 16.574, 188.377** is a light color, and the websafe version is hex **669999**. A complement of this color would be **57, 19.072, 13.074**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 16.309, 189.032**, and **47, 16.817, 187.377** is the 20% darker color. If you saturate the color by 10%, you get **66, 22.055, 187.552**, and if you desaturate by 10%, it is **68, 10.650, 189.184**.

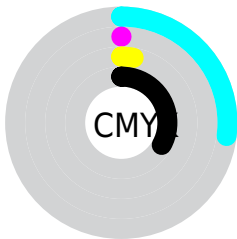
Distribution



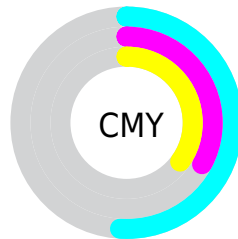
- Red (49%)
- Green (67%)
- Blue (65%)



- Red (49%)
- Yellow (59%)
- Blue (67%)



- Cyan (27%)
- Magenta (0%)
- Yellow (3%)
- Black (33%)





- Cyan (51%)
- Magenta (33%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 16.574, 188.377 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, 16.574, 188.377 by changing the saturation by 10% instead.


 67, 16.574,
188.377


 67, 16.574,
188.377


 100, 16.574,
188.377


 57, 16.574,
188.377


 87, 16.574,
188.377

 47, 16.574,
188.377

 97, 16.574,
188.377

 37, 16.574,
188.377

 27, 16.574,
188.377

 17, 16.574,
188.377

 7, 16.574, 188.377

 0, 16.574, 188.377

67, 16.574,
188.377

67, 16.574,
188.377

66, 22.055,
187.552

68, 10.650,
189.184

65, 26.984,
186.707

69, 4.385, 190.028

71, 2.125, 10.463

65, 31.264,
185.825

72, 8.794, 11.390

64, 34.818,
184.893

74, 15.554, 12.159

64, 37.602,
183.893

76, 22.347, 12.902

77, 29.129, 13.628

63, 39.618,
182.807

78, 32.646, 13.172

63, 40.948,
181.624

79, 32.684, 11.451

63, 41.323,

Harmonies

Complementary

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



67, 16.574, 188.377



57, 19.072, 13.074

Rectangle

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



67, 16.574, 188.377



67, 16.574, 238.377



67, 16.574, 8.377



67, 16.574, 58.377

Sweetspot

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



67, 16.575, 188.373



88, 6.421, 189.904



66, 29.899, 139.731



46, 4.546, 189.776



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, 16.575, 188.373



85, 24.189, 187.899



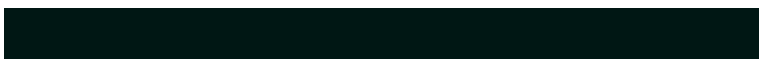
62, 13.704, 245.257



36, 3.677, 189.802



56, 37.430, 181.385



6, 8.018, 186.805

Inverse Universe

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



57, 19.072, 13.074



70, 28.792, 13.870



62, 15.526, 59.345



34, 3.850, 11.144



31, 65.960, 34.604



2, 7.880, 12.069

Previews

White Background



This preview shows how the CIELCh color 67, 16.574, 188.377 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, 16.574, 188.377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

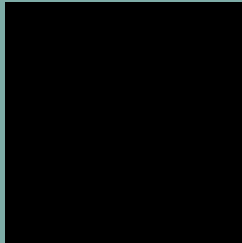
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

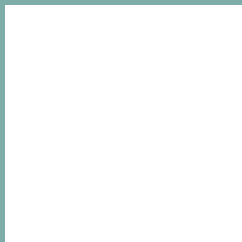
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 16.574, 188.377

Background



This preview shows how black text looks on a background with the CIELCh color 67, 16.574, 188.377.

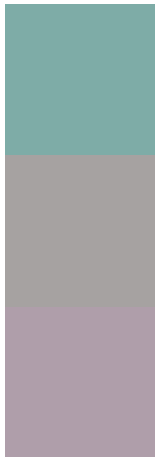


This preview shows how white text looks on a background with the CIELCh color 67, 16.574, 188.377.

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, 16.574, 188.377

Protanopia
67, 1.619, 39.125

Deuteranopia
67, 9.275, 334.667



Tritanopia
67, 15.394, 228.814

Trichromacy



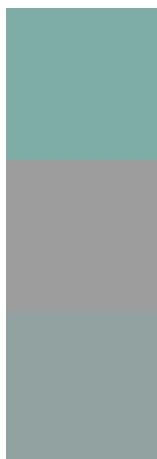
Original Color
67, 16.574, 188.377

Protanomaly
67, 5.866, 182.537

Deuteranomaly
67, 3.962, 256.389

Tritanomaly
67, 14.876, 213.449

Monochromacy



Original Color
67, 16.574, 188.377

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 5.992, 193.621

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 16.574, 188.377 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(126, 172, 167)` looks like.

```
.text, #text, p{  
    color:rgb(126, 172, 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(126, 172, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 172, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 16.574, 188.377 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(126, 172, 167) }
```

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

```
.border{ border-color:rgb(126, 172, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 172, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 172, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 172, 167);  
box-shadow:4px 4px 4px 4px rgb(126, 172,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 16.574, 188.377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 172, 167) }
```

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

```
.background{ background-color: rgb(126,  
172, 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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