

Converting Colors

CIELCh(67, 26.677, 151.095)

Have a look what the booklet for
CIELCh(67, 26.677, 151.095)
contains.

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Color

CIELCh(67, 26.625, 151.020)

Conversions

Conversions Part 1

Format	Color
Hex	7EAE8B
RGB	126, 174, 139
RGB Percent	49%, 68%, 55%
CMY	0.5054, 0.3171, 0.4544
CMYK	0.28, 0.00, 0.20, 0.32
HSL	136°, 23%, 59%
HSV	136°, 28%, 68%
XYZ	28.4505, 36.6320, 30.0427
YIQ	155.6580, -17.3730, -21.0610

Conversions

Conversions Part 2

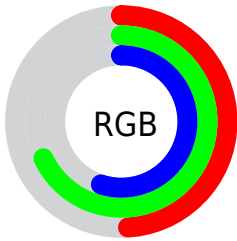
Format	Color
RYB	126, 164, 174
Decimal	8302219
CIELab	67.00, -23.29, 12.90
CIElCh	67, 26.625, 151.020
Yxy	36.6320, 0.2991, 0.3851
Android (android.graphics.Color)	4286492299 (0xFF7EAE8B)
YUV	155.6580, -8.2124, -26.0101
Hunter-Lab	60.5244, -22.0107, 12.9371

Details

The CIELCh color **67, 26.625, 151.020** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **59, 26.843, 335.011**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 26.552, 151.105**, and **47, 26.464, 151.366** is the 20% darker color. If you saturate the color by 10%, you get **66, 36.121, 150.019**, and if you desaturate by 10%, it is **68, 16.965, 151.891**.

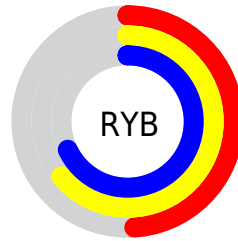
Distribution



Red (49%)

Green (68%)

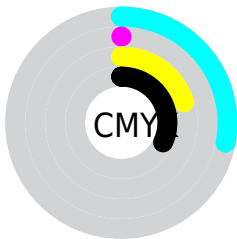
Blue (55%)



Red (49%)

Yellow (64%)

Blue (68%)

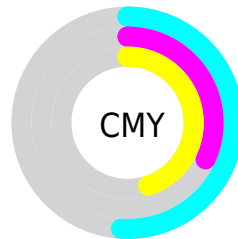


Cyan (28%)

Magenta (0%)

Yellow (20%)

Black (32%)



Cyan (51%)


Magenta (32%)


Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 26.625, 151.020 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, 26.625, 151.020 by changing the saturation by 10% instead.


 67, 26.625,
151.020


 67, 26.625,
151.020


 100, 26.625,
151.020


 57, 26.625,
151.020


 87, 26.625,
151.020

 47, 26.625,
151.020

 97, 26.625,
151.020

 37, 26.625,
151.020

 27, 26.625,
151.020

 17, 26.625,
151.020

 7, 26.625, 151.020

 0, 26.625, 151.020

67, 26.625,
151.020

67, 26.625,
151.020

66, 36.121,
150.019

68, 16.965,
151.891

65, 45.285,
148.869

70, 7.277, 152.667

64, 53.934,
147.551

72, 2.329, 333.156

63, 61.881,
146.058

73, 11.772,
333.836

63, 68.952,
144.397

75, 20.994,
334.358

62, 75.010,
142.605

77, 29.959,
334.818


62, 79.993,
140.780

80, 38.646,
335.228

62, 81.086,

81, 44.858,
331.745

140.383

 81, 49.916,
326.723

Harmonies

Complementary

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



67, 26.625, 151.020



59, 26.843, 335.011

Rectangle

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



67, 26.625, 151.020



67, 26.625, 201.020



67, 26.625, 331.020



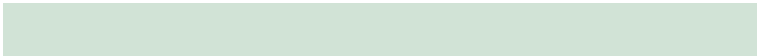
67, 26.625, 21.020

Sweetspot

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



67, 26.626, 151.020



89, 9.543, 152.624



69, 26.502, 118.879



47, 6.843, 152.512



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



67, 26.626, 151.020



84, 39.450, 150.435



68, 18.387, 178.168



36, 5.430, 152.536



54, 72.411, 140.622



6, 11.868, 151.272

Inverse Universe

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



59, 26.843, 335.011



72, 39.793, 335.465



58, 20.340, 3.709



34, 5.454, 333.706



33, 63.663, 342.486



2, 10.753, 336.683

Previews

White Background



This preview shows how the CIELCh color 67, 26.625, 151.020 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, 26.625, 151.020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

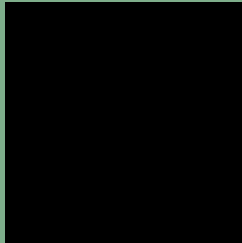
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 26.625, 151.020

Background



This preview shows how black text looks on a background with the CIELCh color 67, 26.625, 151.020.

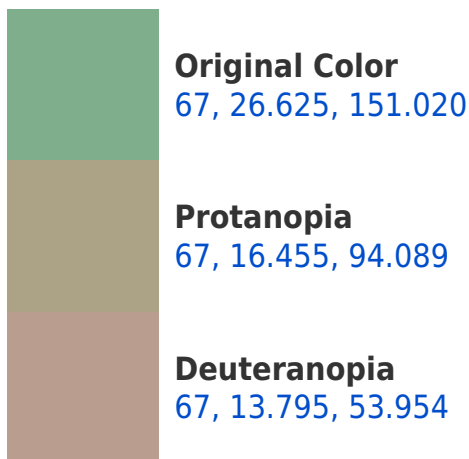


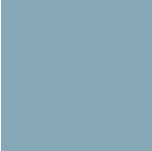
This preview shows how white text looks on a background with the CIELCh color 67, 26.625, 151.020.

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, 13.806, 232.891

Trichromacy



Original Color
67, 26.625, 151.020

Protanomaly
67, 17.583, 122.875

Deuteranomaly
67, 11.553, 106.981

Tritanomaly
67, 14.196, 189.211

Monochromacy



Original Color
67, 26.625, 151.020

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 10.028, 152.676

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 26.625, 151.020 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, 174, 139)` looks like.

```
.text, #text, p{  
    color:rgb(126, 174, 139)  
}
```

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, 174, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 174, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 26.625, 151.020 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, 174, 139) }
```

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

```
.border{ border-color:rgb(126, 174, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 174, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(126, 174, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(126, 174, 139); box-shadow:4px 4px 4px 4px rgb(126, 174, 139) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 26.625, 151.020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 174, 139) }
```

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

```
.background{ background-color: rgb(126,  
174, 139) }
```

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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