

Converting Colors

CIELCh(67, 26.320, 160.653)

Have a look what the booklet for
CIELCh(67, 26.320, 160.653)
contains.

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Color

CIELCh(67, 26.166, 161.086)

Conversions

Conversions Part 1

Format	Color
Hex	76AF93
RGB	118, 175, 147
RGB Percent	46%, 69%, 58%
CMY	0.5371, 0.3136, 0.4234
CMYK	0.33, 0.00, 0.16, 0.31
HSL	151°, 26%, 57%
HSV	151°, 33%, 69%
XYZ	28.0790, 36.6320, 33.2060
YIQ	154.7650, -24.9840, -20.7920

Conversions

Conversions Part 2

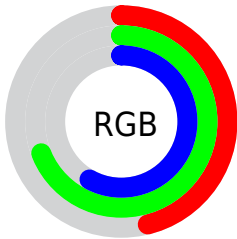
Format	Color
RYB	118, 156, 175
Decimal	7778195
CIELab	67.00, -24.75, 8.48
CIELCh	67, 26.166, 161.086
Yxy	36.6320, 0.2868, 0.3741
Android (android.graphics.Color)	4285968275 (0xFF76AF93)
YUV	154.7650, -3.8281, -32.2429
Hunter-Lab	60.5244, -23.1062, 9.8383

Details

The CIELCh color $67, 26.166, 161.086$ is a dark color, and the websafe version is hex $99CC99$. A complement of this color would be $56, 27.267, 347.190$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 26.195, 160.890$, and $47, 26.186, 160.743$ is the 20% darker color. If you saturate the color by 10%, you get $66, 33.788, 159.899$, and if you desaturate by 10%, it is $68, 18.262, 162.143$.

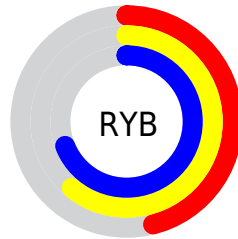
Distribution



Red (46%)

Green (69%)

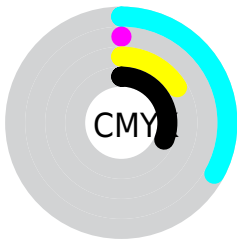
Blue (58%)



Red (46%)

Yellow (61%)

Blue (69%)

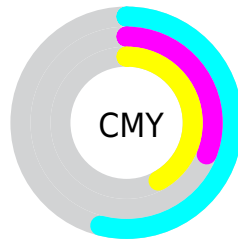


Cyan (33%)

Magenta (0%)

Yellow (16%)

Black (31%)



Cyan (54%)


Magenta (31%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 26.166, 161.086 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, 26.166, 161.086 by changing the saturation by 10% instead.

 67, 26.166,
161.086


 67, 26.166,
161.086


 100, 26.166,
161.086


 57, 26.166,
161.086


 87, 26.166,
161.086

 47, 26.166,
161.086

 97, 26.166,
161.086

 37, 26.166,
161.086

 27, 26.166,
161.086

 17, 26.166,
161.086

 7, 26.166, 161.086

 0, 26.166, 161.086

■ 67, 26.166,
161.086

■ 67, 26.166,
161.086

■ 66, 33.788,
159.899

■ 68, 18.262,
162.143

■ 65, 40.990,
158.561

■ 70, 10.196,
163.102

■ 64, 47.641,
157.047

■ 71, 2.076, 164.096

■ 73, 6.009, 344.631

■ 64, 53.631,
155.336

■ 74, 13.994,
345.378

■ 63, 58.889,
153.417

■ 76, 21.828,
346.045

■ 63, 63.404,
151.298

■ 78, 29.479,
346.660

■ 63, 66.412,
149.687

■ 80, 36.041,
346.062

■ 80, 38.576,
340.391

Harmonies

Complementary

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



67, 26.166, 161.086



56, 27.267, 347.190

Rectangle

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



67, 26.166, 161.086



67, 26.166, 211.086



67, 26.166, 341.086



67, 26.166, 31.086

Sweetspot

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



67, 26.167, 161.085



88, 10.020, 163.322



68, 32.934, 127.569



47, 6.892, 163.196



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, 26.167, 161.085



84, 38.393, 160.257



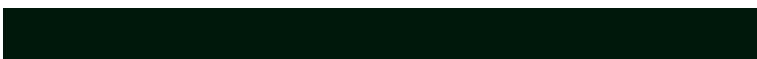
68, 19.376, 197.833



36, 4.557, 163.403



55, 59.045, 149.990



6, 10.289, 159.476

Inverse Universe

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



56, 27.267, 347.190



68, 40.314, 348.045



55, 24.181, 22.179



34, 4.616, 344.849



32, 57.165, 2.066



2, 9.091, 349.274

Previews

White Background



This preview shows how the CIELCh color 67, 26.166, 161.086 looks on a white background.

Color Contrast Check

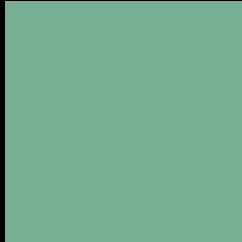
Large Text (above 18pt) WCAG AA × Fail

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, 26.166, 161.086 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, 26.166, 161.086

Background



This preview shows how black text looks on a background with the CIELCh color 67, 26.166, 161.086.

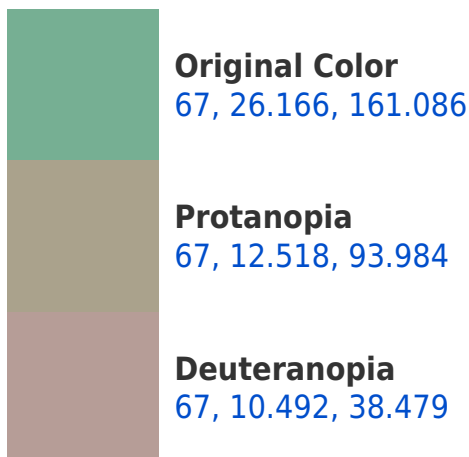



This preview shows how white text looks on a background with the CIELCh color 67, 26.166, 161.086.

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, 16.455, 226.573

Trichromacy



Original Color
67, 26.166, 161.086

Protanomaly
67, 14.650, 134.065

Deuteranomaly
67, 7.965, 123.503

Tritanomaly
67, 17.052, 196.130

Monochromacy



Original Color
67, 26.166, 161.086

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 9.463, 162.662

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 26.166, 161.086 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(118, 175, 147)` looks like.

```
.text, #text, p{  
    color:rgb(118, 175, 147)  
}
```

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(118, 175, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 175, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 26.166, 161.086 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(118, 175, 147) }
```

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

```
.border{ border-color:rgb(118, 175, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 175, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 175, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 175, 147);  
box-shadow:4px 4px 4px 4px rgb(118, 175,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 26.166, 161.086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 175, 147) }
```

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

```
.background{ background-color: rgb(118,  
175, 147) }
```

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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