

Converting Colors

CIELCh(67, 11.567, 126.759)

Have a look what the booklet for
CIELCh(67, 11.567, 126.759)
contains.

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Color

CIELCh(67, 11.567, 126.759)

Conversions

Conversions Part 1

Format	Color
Hex	9DA692
RGB	157, 166, 146
RGB Percent	62%, 65%, 57%
CMY	0.3834, 0.3481, 0.4265
CMYK	0.05, 0.00, 0.12, 0.35
HSL	87°, 10%, 61%
HSV	87°, 12%, 65%
XYZ	32.8354, 36.6320, 32.6282
YIQ	161.0290, 1.0560, -8.1280

Conversions

Conversions Part 2

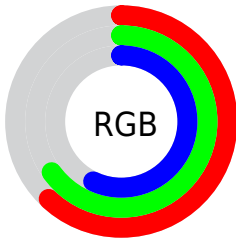
Format	Color
RYB	146, 166, 155
Decimal	10331794
CIELab	67.00, -6.92, 9.27
CIELCh	67, 11.567, 126.759
Yxy	36.6320, 0.3216, 0.3588
Android (android.graphics.Color)	4288521874 (0xFF9DA692)
YUV	161.0290, -7.4093, -3.5334
Hunter-Lab	60.5244, -9.0786, 10.4043

Details

The CIELCh color $67, 11.567, 126.759$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $62, 11.781, 307.864$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 11.460, 126.093$, and $47, 11.134, 126.403$ is the 20% darker color. If you saturate the color by 10%, you get $66, 21.176, 126.277$, and if you desaturate by 10%, it is $68, 1.947, 127.260$.

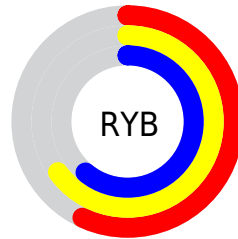
Distribution



Red (62%)

Green (65%)

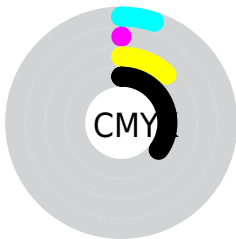
Blue (57%)



Red (57%)

Yellow (65%)

Blue (61%)

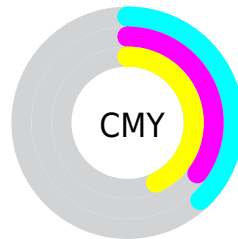


Cyan (5%)

Magenta (0%)

Yellow (12%)

Black (35%)



Cyan (38%)


Magenta (35%)


Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 11.567, 126.759 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, 11.567, 126.759 by changing the saturation by 10% instead.


 67, 11.567,
126.759


 67, 11.567,
126.759


 100, 11.567,
126.759


 57, 11.567,
126.759


 87, 11.567,
126.759

 47, 11.567,
126.759

 97, 11.567,
126.759

 37, 11.567,
126.759

 27, 11.567,
126.759

 17, 11.567,
126.759

 7, 11.567, 126.759

 0, 11.567, 126.759

67, 11.567,
126.759

67, 11.567,
126.759

66, 21.176,
126.277

68, 1.947, 127.260

65, 30.690,
125.786

69, 7.636, 307.634

64, 40.000,
125.313

70, 17.140,
308.037

64, 48.946,
124.897

71, 26.537,
308.402

63, 57.293,
124.598

73, 35.807,
308.733

63, 64.720,
124.508

74, 44.936,
309.030

62, 70.828,
124.741

75, 50.081,
310.437

62, 75.250,

76, 50.703,
313.175

125.412

76, 51.428,
315.881

61, 77.816,
126.165

Harmonies

Complementary

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



67, 11.567, 126.759



62, 11.781, 307.864

Rectangle

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



67, 11.567, 126.759



67, 11.567, 176.759



67, 11.567, 306.759



67, 11.567, 356.759

Sweetspot

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



67, 11.569, 126.763



86, 4.760, 127.146



65, 6.617, 68.417



46, 3.412, 127.109



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



67, 11.569, 126.763



85, 16.703, 126.656



66, 13.320, 142.452



35, 5.492, 126.893



55, 71.314, 126.005



5, 10.204, 129.938

Inverse Universe

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



62, 11.781, 307.864



78, 17.063, 307.978



63, 13.351, 323.692



33, 5.573, 307.727



21, 83.856, 311.017



1, 9.925, 305.038

Previews

White Background



This preview shows how the CIELCh color 67, 11.567, 126.759 looks on a white background.

Color Contrast Check

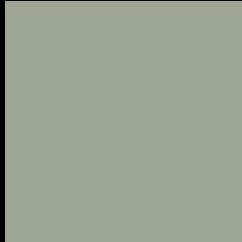
Large Text (above 18pt) WCAG AA × Fail

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, 11.567, 126.759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

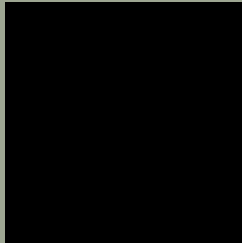
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

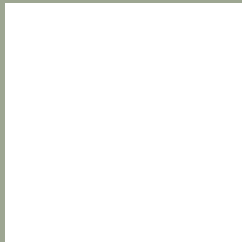
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 11.567, 126.759

Background



This preview shows how black text looks on a background with the CIELCh color 67, 11.567, 126.759.



This preview shows how white text looks on a background with the CIELCh color 67, 11.567, 126.759.

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, 11.567, 126.759

Protanopia

67, 10.400, 91.242

Deuteranopia

67, 11.941, 44.627



Tritanopia
67, 7.190, 290.927

Trichromacy



Original Color
67, 11.567, 126.759

Protanomaly
67, 10.445, 106.906

Deuteranomaly
67, 9.079, 71.517

Tritanomaly
67, 1.595, 219.842

Monochromacy



Original Color
67, 11.567, 126.759

Achromatopsia
66, 0.008, 296.813

Achromatomaly
67, 4.035, 126.359

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 11.567, 126.759 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(157, 166, 146)` looks like.

```
.text, #text, p{  
    color:rgb(157, 166, 146)  
}
```

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(157, 166, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 166, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 11.567, 126.759 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(157, 166, 146) }
```

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

```
.border{ border-color:rgb(157, 166, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 166, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 166, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 166, 146);  
box-shadow:4px 4px 4px 4px rgb(157, 166,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 11.567, 126.759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 166, 146) }
```

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

```
.background{ background-color: rgb(157,  
166, 146) }
```

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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