

Converting Colors

CIELCh(67, 11.561, 122.935)

Have a look what the booklet for
CIELCh(67, 11.561, 122.935)
contains.

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Color

CIELCh(67, 11.873, 122.378)

Conversions

Conversions Part 1

Format	Color
Hex	9FA691
RGB	159, 166, 145
RGB Percent	62%, 65%, 57%
CMY	0.3769, 0.3494, 0.4318
CMYK	0.04, 0.00, 0.13, 0.35
HSL	80°, 11%, 61%
HSV	80°, 13%, 65%
XYZ	32.9941, 36.6320, 32.0754
YIQ	161.5130, 2.5690, -8.0150

Conversions

Conversions Part 2

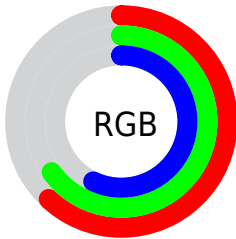
Format	Color
RYB	145, 166, 152
Decimal	10462865
CIELab	67.00, -6.36, 10.03
CIELCh	67, 11.873, 122.378
Yxy	36.6320, 0.3244, 0.3602
Android (android.graphics.Color)	4288652945 (0xFF9FA691)
YUV	161.5130, -8.1409, -2.2039
Hunter-Lab	60.5244, -8.6106, 10.9458

Details

The CIELCh color $67, 11.873, 122.378$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $61, 12.151, 303.760$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 11.763, 121.937$, and $47, 11.462, 121.510$ is the 20% darker color. If you saturate the color by 10%, you get $66, 21.219, 121.830$, and if you desaturate by 10%, it is $68, 2.488, 122.935$.

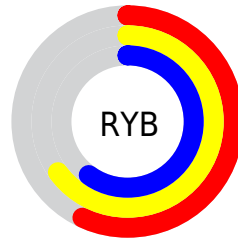
Distribution



Red (62%)

Green (65%)

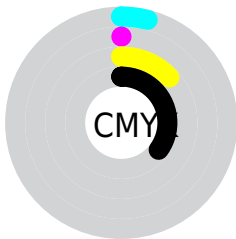
Blue (57%)



Red (57%)

Yellow (65%)

Blue (60%)

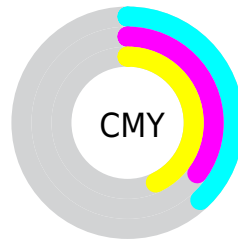


Cyan (4%)

Magenta (0%)

Yellow (13%)

Black (35%)



Cyan (38%)


Magenta (35%)


Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 11.873, 122.378 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, 11.873, 122.378 by changing the saturation by 10% instead.


 67, 11.873,
122.378


 67, 11.873,
122.378


 100, 11.873,
122.378


 57, 11.873,
122.378


 87, 11.873,
122.378

 47, 11.873,
122.378

 97, 11.873,
122.378

 37, 11.873,
122.378

 27, 11.873,
122.378

 17, 11.873,
122.378

 7, 11.873, 122.378

 0, 11.873, 122.378

67, 11.873,
122.378

67, 11.873,
122.378

66, 21.219,
121.830

68, 2.488, 122.935

65, 30.445,
121.280

69, 6.890, 303.417

65, 39.443,
120.757

70, 16.221,
303.902

64, 48.052,
120.302

71, 25.478,
304.351

64, 56.035,
119.974

72, 34.642,
304.766

63, 63.063,
119.858

73, 43.697,
305.148

63, 68.736,
120.061

74, 49.513,
306.110

62, 72.696,

74, 49.842,
308.141

120.688

75, 50.227,
310.168

62, 74.797,
121.333

Harmonies

Complementary

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



67, 11.873, 122.378



61, 12.151, 303.760

Rectangle

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



67, 11.873, 122.378



67, 11.873, 172.378



67, 11.873, 302.378



67, 11.873, 352.378

Sweetspot

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



67, 11.875, 122.382



86, 4.658, 122.853



64, 6.785, 54.663



46, 3.338, 122.812



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, 11.875, 122.382



85, 17.488, 122.238



66, 13.480, 139.205



35, 5.371, 122.566



56, 68.683, 121.190



5, 9.965, 125.879

Inverse Universe

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



61, 12.151, 303.760



77, 17.977, 303.923



62, 13.554, 320.350



33, 5.466, 303.558



19, 85.819, 308.959



1, 9.768, 301.309

Previews

White Background



This preview shows how the CIELCh color 67, 11.873, 122.378 looks on a white background.

Color Contrast Check

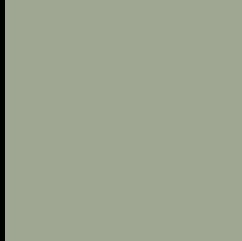
Large Text (above 18pt) WCAG AA × Fail

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, 11.873, 122.378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

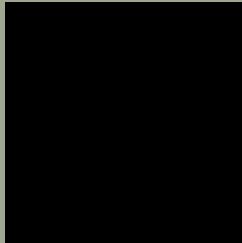
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

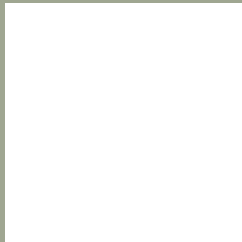
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 11.873, 122.378

Background



This preview shows how black text looks on a background with the CIELCh color 67, 11.873, 122.378.



This preview shows how white text looks on a background with the CIELCh color 67, 11.873, 122.378.

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, 11.873, 122.378

Protanopia
67, 10.927, 92.036

Deuteranopia
67, 12.578, 46.071



Tritanopia
67, 6.653, 294.049

Trichromacy



Original Color
67, 11.873, 122.378

Protanomaly
67, 10.511, 102.559

Deuteranomaly
67, 10.030, 69.714

Tritanomaly
67, 0.378, 200.627

Monochromacy



Original Color
67, 11.873, 122.378

Achromatopsia
66, 0.008, 296.813

Achromatomaly
67, 4.567, 124.361

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 11.873, 122.378 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(159, 166, 145)` looks like.

```
.text, #text, p{  
    color:rgb(159, 166, 145)  
}
```

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(159, 166, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 166, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 11.873, 122.378 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(159, 166, 145) }
```

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

```
.border{ border-color:rgb(159, 166, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 166, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 166, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 166, 145);  
box-shadow:4px 4px 4px 4px rgb(159, 166,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 11.873, 122.378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 166, 145) }
```

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

```
.background{ background-color: rgb(159,  
166, 145) }
```

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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