

Converting Colors

CIELCh(66, 11.684, 120.769)

Have a look what the booklet for
CIELCh(66, 11.684, 120.769)
contains.

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Color

CIELCh(66, 11.822, 120.527)

Conversions

Conversions Part 1

Format	Color
Hex	9DA38E
RGB	157, 163, 142
RGB Percent	62%, 64%, 56%
CMY	0.3842, 0.3607, 0.4431
CMYK	0.04, 0.00, 0.13, 0.36
HSL	77°, 10%, 60%
HSV	77°, 13%, 64%
XYZ	31.8919, 35.3238, 30.7349
YIQ	158.8120, 3.1650, -7.8030

Conversions

Conversions Part 2

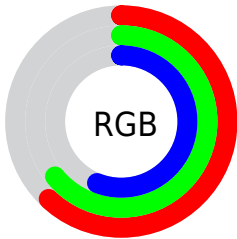
Format	Color
RYB	142, 163, 148
Decimal	10331022
CIELab	66.00, -6.00, 10.18
CIELCh	66, 11.822, 120.527
Yxy	35.3238, 0.3256, 0.3606
Android (android.graphics.Color)	4288521102 (0xFF9DA38E)
YUV	158.8120, -8.2883, -1.5891
Hunter-Lab	59.4338, -8.2270, 10.9432

Details

The CIELCh color **66, 11.822, 120.527** is a light color, and the websafe version is hex **999999**. A complement of this color would be **60, 12.121, 302.053**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 11.712, 120.174**, and **46, 11.422, 119.423** is the 20% darker color. If you saturate the color by 10%, you get **65, 20.954, 119.940**, and if you desaturate by 10%, it is **67, 2.642, 121.120**.

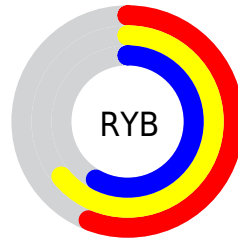
Distribution



Red (62%)

Green (64%)

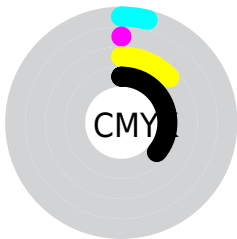
Blue (56%)



Red (56%)

Yellow (64%)

Blue (58%)

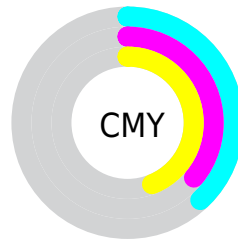


Cyan (4%)

Magenta (0%)

Yellow (13%)

Black (36%)



Cyan (38%)


Magenta (36%)


Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 11.822, 120.527 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 66, 11.822, 120.527 by changing the saturation by 10% instead.


 66, 11.822,
120.527


 66, 11.822,
120.527


 100, 11.822,
120.527


 56, 11.822,
120.527


 86, 11.822,
120.527

 46, 11.822,
120.527

 96, 11.822,
120.527

 36, 11.822,
120.527

 26, 11.822,
120.527

 16, 11.822,
120.527

 6, 11.822, 120.527

 0, 11.822, 120.527

■ 66, 11.822,
120.527

■ 66, 11.822,
120.527

■ 65, 20.954,
119.940

■ 67, 2.642, 121.120

■ 65, 29.958,
119.353

■ 68, 6.541, 301.653

■ 64, 38.730,
118.795

■ 68, 15.689,
302.181

■ 63, 47.108,
118.306

■ 69, 24.775,
302.674

■ 63, 54.858,
117.943

■ 70, 33.781,
303.132

■ 63, 61.654,
117.787

■ 71, 42.691,
303.557

■ 62, 67.099,
117.938

■ 72, 50.901,
304.036

■ 62, 70.842,

■ 73, 51.116,
305.678

118.495

73, 51.369,
307.325

62, 72.770,
119.054

Harmonies

Complementary

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



66, 11.822, 120.527



60, 12.121, 302.053

Rectangle

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



66, 11.822, 120.527



66, 11.822, 170.527



66, 11.822, 300.527



66, 11.822, 350.527

Sweetspot

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



66, 11.824, 120.532



84, 4.536, 121.048



62, 6.862, 48.716



45, 3.250, 121.005



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



66, 11.824, 120.532



83, 17.020, 120.391



65, 13.320, 137.736



34, 5.196, 120.744



55, 66.845, 118.920



5, 8.186, 123.372

Inverse Universe

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



60, 12.121, 302.053



75, 17.525, 302.215



61, 13.416, 318.850



32, 5.293, 301.817



18, 85.433, 308.316



1, 8.090, 300.247

Previews

White Background



This preview shows how the CIELCh color 66, 11.822, 120.527 looks on a white background.

Color Contrast Check

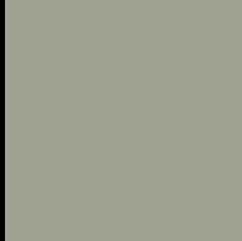
Large Text (above 18pt) WCAG AA × Fail

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 66, 11.822, 120.527 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

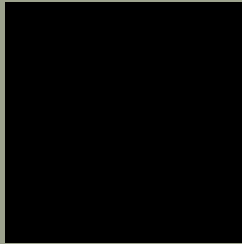
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

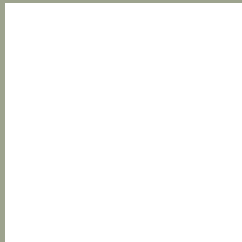
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 11.822, 120.527

Background



This preview shows how black text looks on a background with the CIELCh color 66, 11.822, 120.527.



This preview shows how white text looks on a background with the CIELCh color 66, 11.822, 120.527.

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

66, 11.822, 120.527

Protanopia

66, 11.483, 92.729

Deuteranopia

66, 12.632, 46.060



Tritanopia
66, 6.711, 297.220

Trichromacy



Original Color
66, 11.822, 120.527

Protanomaly
66, 11.082, 102.794

Deuteranomaly
66, 10.069, 69.682

Tritanomaly
66, 0.008, 296.813

Monochromacy



Original Color
66, 11.822, 120.527

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 3.951, 121.026

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 11.822, 120.527 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, 163, 142)` looks like.

```
.text, #text, p{  
    color:rgb(157, 163, 142)  
}
```

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, 163, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 163, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 11.822, 120.527 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, 163, 142) }
```

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

```
.border{ border-color:rgb(157, 163, 142) }
```

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

Here you see how a box with a 4 pixel rgb(157, 163, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 163, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 163, 142);  
box-shadow:4px 4px 4px 4px rgb(157, 163,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 11.822, 120.527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 163, 142) }
```

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

```
.background{ background-color: rgb(157,  
163, 142) }
```

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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