

Converting Colors

CIELCh(66, 11.625, 114.831)

Have a look what the booklet for
CIELCh(66, 11.625, 114.831)
contains.

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Color

CIELCh(66, 11.638, 114.826)

Conversions

Conversions Part 1

Format	Color
Hex	9FA28D
RGB	159, 162, 141
RGB Percent	62%, 64%, 55%
CMY	0.3749, 0.3632, 0.4456
CMYK	0.02, 0.00, 0.13, 0.36
HSL	69°, 10%, 60%
HSV	69°, 13%, 64%
XYZ	32.2009, 35.3238, 30.4692
YIQ	158.7090, 4.9530, -7.1670

Conversions

Conversions Part 2

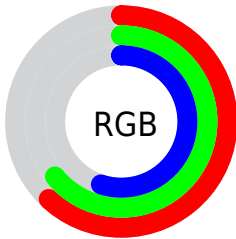
Format	Color
RYB	141, 162, 144
Decimal	10461837
CIELab	66.00, -4.89, 10.56
CIELCh	66, 11.638, 114.826
Yxy	35.3238, 0.3286, 0.3605
Android (android.graphics.Color)	4288651917 (0xFF9FA28D)
YUV	158.7090, -8.7305, 0.2552
Hunter-Lab	59.4338, -7.2990, 11.2082

Details

The CIELCh color **66, 11.638, 114.826** is a light color, and the websafe version is hex **999999**. A complement of this color would be **60, 11.971, 296.818**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 11.546, 114.758**, and **46, 11.251, 112.998** is the 20% darker color. If you saturate the color by 10%, you get **65, 20.568, 114.083**, and if you desaturate by 10%, it is **67, 2.642, 115.568**.

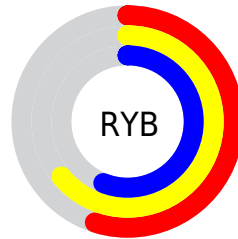
Distribution



Red (62%)

Green (64%)

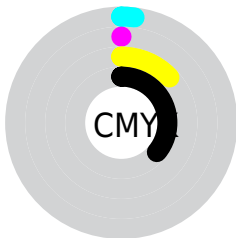
Blue (55%)



Red (55%)

Yellow (64%)

Blue (56%)

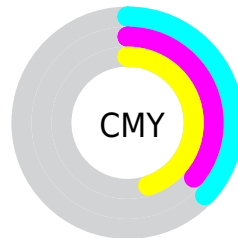


Cyan (2%)

Magenta (0%)

Yellow (13%)

Black (36%)



Cyan (37%)


Magenta (36%)


Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 11.638, 114.826 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, 11.638, 114.826 by changing the saturation by 10% instead.


 66, 11.638,
114.826


 66, 11.638,
114.826


 100, 11.638,
114.826


 56, 11.638,
114.826


 86, 11.638,
114.826

 46, 11.638,
114.826

 96, 11.638,
114.826

 36, 11.638,
114.826

 26, 11.638,
114.826

 16, 11.638,
114.826

 6, 11.638, 114.826

 0, 11.638, 114.826

■ 66, 11.638,
114.826

■ 66, 11.638,
114.826

■ 65, 20.568,
114.083

■ 67, 2.642, 115.568

■ 65, 29.355,
113.341

■ 67, 6.377, 296.290

■ 65, 37.893,
112.628

■ 68, 15.384,
296.979

■ 64, 46.022,
111.979

■ 69, 24.353,
297.635

■ 64, 53.500,
111.439

■ 69, 33.268,
298.255

■ 64, 59.993,
111.070

■ 70, 42.114,
298.839

■ 63, 65.098,
110.948

■ 71, 50.850,
299.386

■ 63, 68.462,

■ 71, 50.901,
300.178

111.142

72, 50.960,
300.974

63, 70.098,
111.408

Harmonies

Complementary

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



66, 11.638, 114.826



60, 11.971, 296.818

Rectangle

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



66, 11.638, 114.826



66, 11.638, 164.826



66, 11.638, 294.826



66, 11.638, 344.826

Sweetspot

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



66, 11.640, 114.832



84, 4.464, 115.486



61, 7.439, 32.168



45, 3.199, 115.433



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, 11.640, 114.832



84, 17.843, 114.580



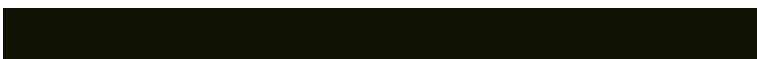
65, 12.769, 133.053



34, 5.112, 115.104



57, 64.611, 111.332



5, 8.020, 117.278

Inverse Universe

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



60, 11.971, 296.818



74, 18.484, 297.121



61, 12.929, 314.107



32, 5.219, 296.505



17, 87.107, 306.947



1, 7.988, 295.259

Previews

White Background



This preview shows how the CIELCh color 66, 11.638, 114.826 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, 11.638, 114.826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

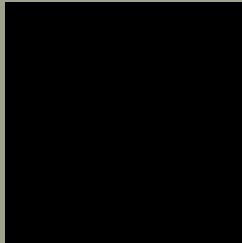
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

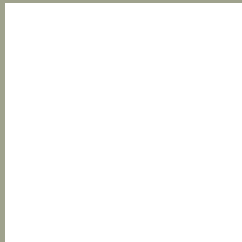
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 11.638, 114.826

Background



This preview shows how black text looks on a background with the CIELCh color 66, 11.638, 114.826.



This preview shows how white text looks on a background with the CIELCh color 66, 11.638, 114.826.

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, 11.638, 114.826

Protanopia

66, 11.483, 92.729

Deuteranopia

66, 12.912, 48.170



Tritanopia
66, 7.583, 308.047

Trichromacy



Original Color
66, 11.638, 114.826

Protanomaly
66, 11.130, 100.740

Deuteranomaly
66, 10.769, 69.790

Tritanomaly
66, 0.764, 18.863

Monochromacy



Original Color
66, 11.638, 114.826

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 3.889, 115.460

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 11.638, 114.826 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, 162, 141)` looks like.

```
.text, #text, p{  
    color:rgb(159, 162, 141)  
}
```

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, 162, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 162, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 11.638, 114.826 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, 162, 141) }
```

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

```
.border{ border-color:rgb(159, 162, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 162, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 162, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 162, 141);  
box-shadow:4px 4px 4px 4px rgb(159, 162,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 11.638, 114.826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 162, 141) }
```

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

```
.background{ background-color: rgb(159,  
162, 141) }
```

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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