

Converting Colors

CIELCh(65, 11.146, 110.634)

Have a look what the booklet for
CIELCh(65, 11.146, 110.634)
contains.

CIELCh(65, 11.063, 111.054)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(65, 11.063, 111.054)

Conversions

Conversions Part 1

Format	Color
Hex	9E9F8B
RGB	158, 159, 139
RGB Percent	62%, 62%, 55%
CMY	0.3794, 0.3755, 0.4539
CMYK	0.01, 0.00, 0.13, 0.38
HSL	63°, 9%, 59%
HSV	63°, 13%, 62%
XYZ	31.2682, 34.0472, 29.4425
YIQ	156.4210, 5.8240, -6.4320

Conversions

Conversions Part 2

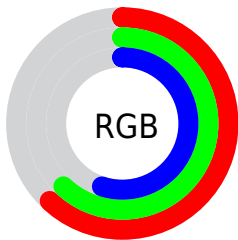
Format	Color
RYB	139, 159, 140
Decimal	10395531
CIELab	65.00, -3.97, 10.32
CIELCh	65, 11.063, 111.054
Yxy	34.0472, 0.3300, 0.3593
Android (android.graphics.Color)	4288585611 (0xFF9E9F8B)
YUV	156.4210, -8.5886, 1.3848
Hunter-Lab	58.3500, -6.4589, 10.9281

Details

The CIELCh color $65, 11.063, 111.054$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $59, 11.380, 293.340$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 11.518, 111.049$, and $45, 11.257, 110.783$ is the 20% darker color. If you saturate the color by 10%, you get $65, 19.803, 110.186$, and if you desaturate by 10%, it is $65, 2.256, 111.914$.

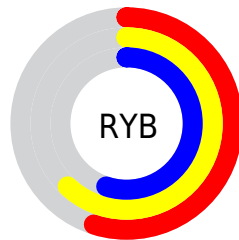
Distribution



Red (62%)

Green (62%)

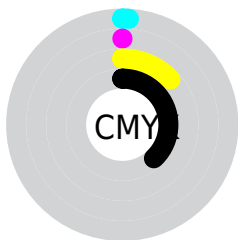
Blue (55%)



Red (55%)

Yellow (62%)

Blue (55%)

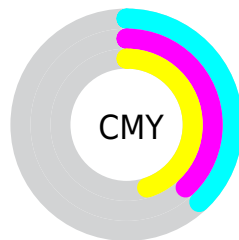


Cyan (1%)

Magenta (0%)

Yellow (13%)

Black (38%)



Cyan (38%)


Magenta (38%)


Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 11.063, 111.054 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 65, 11.063, 111.054 by changing the saturation by 10% instead.


 65, 11.063,
111.054


 65, 11.063,
111.054


 100, 11.063,
111.054


 55, 11.063,
111.054


 85, 11.063,
111.054

 45, 11.063,
111.054

 95, 11.063,
111.054

 35, 11.063,
111.054

 25, 11.063,
111.054

 15, 11.063,
111.054

 5, 11.063, 111.054

 0, 11.063, 111.054

■ 65, 11.063,
111.054

■ 65, 11.063,
111.054

■ 65, 19.803,
110.186

■ 65, 2.256, 111.914

■ 64, 28.404,
109.317

■ 66, 6.577, 292.785

■ 64, 36.763,
108.476

■ 67, 15.404,
293.601

■ 64, 44.722,
107.688

■ 67, 24.202,
294.387

■ 63, 52.043,
106.990

■ 68, 32.956,
295.136

■ 63, 58.399,
106.429

■ 69, 41.654,
295.846

■ 63, 63.389,
106.054

■ 69, 50.284,
296.516

■ 63, 66.662,

■ 70, 52.595,
296.874

105.911

■ 70, 52.602,
297.127

■ 63, 68.291,
105.910

Harmonies

Complementary

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



65, 11.063, 111.054



59, 11.380, 293.340

Rectangle

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



65, 11.063, 111.054



65, 11.063, 161.054



65, 11.063, 291.054



65, 11.063, 341.054

Sweetspot

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



65, 11.065, 111.061



83, 4.354, 111.791



60, 7.625, 24.321



44, 3.120, 111.730



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



65, 11.065, 111.061



82, 16.314, 110.823



64, 11.938, 130.272



33, 4.952, 111.349



57, 63.051, 105.882



4, 6.514, 112.601

Inverse Universe

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



59, 11.380, 293.340



73, 16.880, 293.629



59, 12.122, 311.321



31, 5.059, 293.005



16, 86.611, 306.489



0, 6.512, 292.049

Previews

White Background



This preview shows how the CIELCh color 65, 11.063, 111.054 looks on a white background.

Color Contrast Check

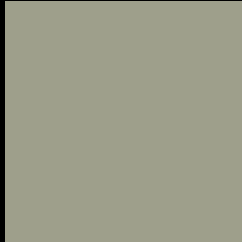
Large Text (above 18pt) WCAG AA × Fail

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 65, 11.063, 111.054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

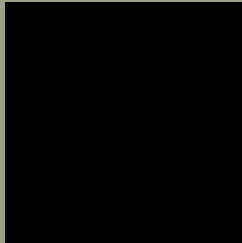
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

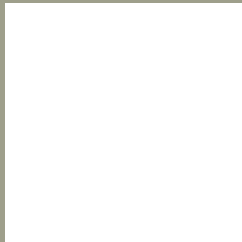
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 11.063, 111.054

Background



This preview shows how black text looks on a background with the CIELCh color 65, 11.063, 111.054.



This preview shows how white text looks on a background with the CIELCh color 65, 11.063, 111.054.

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

65, 11.063, 111.054

Protanopia

65, 10.991, 91.981

Deuteranopia

65, 12.583, 49.023



Tritanopia
65, 7.212, 312.203

Trichromacy



Original Color
65, 11.063, 111.054

Protanomaly
65, 11.232, 98.673

Deuteranomaly
65, 10.539, 71.471

Tritanomaly
65, 1.536, 19.246

Monochromacy



Original Color
65, 11.063, 111.054

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 3.898, 115.456

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 11.063, 111.054 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(158, 159, 139)` looks like.

```
.text, #text, p{  
    color:rgb(158, 159, 139)  
}
```

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(158, 159, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 159, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 11.063, 111.054 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(158, 159, 139) }
```

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

```
.border{ border-color:rgb(158, 159, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 159, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 159, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 159, 139);  
box-shadow:4px 4px 4px 4px rgb(158, 159,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 11.063, 111.054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 159, 139) }
```

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

```
.background{ background-color: rgb(158,  
159, 139) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor