

Converting Colors

CIELCh(65, 7.127, 128.756)

Have a look what the booklet for
CIELCh(65, 7.127, 128.756) contains.

CIELCh(65, 7.059, 128.761)	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, 7.059, 128.761)

Conversions

Conversions Part 1

Format	Color
Hex	9AA094
RGB	154, 160, 148
RGB Percent	60%, 63%, 58%
CMY	0.3969, 0.3734, 0.4204
CMYK	0.04, 0.00, 0.08, 0.37
HSL	90°, 6%, 60%
HSV	90°, 8%, 63%
XYZ	31.1474, 34.0472, 32.8587
YIQ	156.8380, 0.2760, -5.0040

Conversions

Conversions Part 2

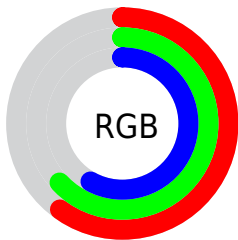
Format	Color
RYB	148, 160, 154
Decimal	10133652
CIELab	65.00, -4.42, 5.50
CIELCh	65, 7.059, 128.761
Yxy	34.0472, 0.3177, 0.3472
Android (android.graphics.Color)	4288323732 (0xFF9AA094)
YUV	156.8380, -4.3571, -2.4889
Hunter-Lab	58.3500, -6.8285, 7.4569

Details

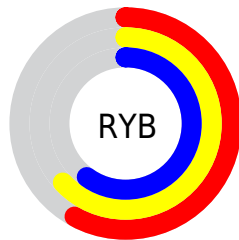
The CIELCh color $65, 7.059, 128.761$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $62, 7.142, 309.386$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 7.299, 130.163$, and $45, 7.572, 128.618$ is the 20% darker color. If you saturate the color by 10%, you get $64, 16.490, 128.303$, and if you desaturate by 10%, it is $66, 2.345, 309.134$.

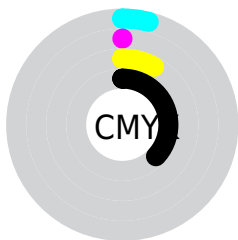
Distribution



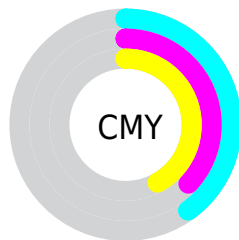
- Red (60%)
- Green (63%)
- Blue (58%)



- Red (58%)
- Yellow (63%)
- Blue (60%)



- Cyan (4%)
- Magenta (0%)
- Yellow (8%)
- Black (37%)



- Cyan (40%)
- Magenta (37%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 7.059, 128.761 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, 7.059, 128.761 by changing the saturation by 10% instead.

■ 65, 7.059, 128.761

■ 65, 7.059, 128.761

■ 100, 7.059,
128.761

■ 55, 7.059, 128.761

■ 85, 7.059, 128.761

■ 45, 7.059, 128.761

■ 95, 7.059, 128.761

■ 35, 7.059, 128.761

■ 25, 7.059, 128.761

■ 15, 7.059, 128.761

■ 5, 7.059, 128.761

■ 0, 7.059, 128.761

■ 65, 7.059, 128.761

■ 65, 7.059, 128.761

■ 64, 16.490,

■ 66, 2.345, 309.134

128.303

67, 11.681,
309.559

63, 25.877,
127.828

68, 20.913,
309.919

62, 35.128,
127.352

70, 30.017,
310.242

62, 44.110,
126.906

71, 38.978,
310.530

61, 52.631,
126.540

72, 47.785,
310.788

60, 60.420,
126.330

74, 54.111,
311.740

60, 67.122,
126.380

74, 54.781,
314.438

59, 72.345,
126.812

75, 55.556,
317.107

59, 75.960,
127.662

Harmonies

Complementary

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



65, 7.059, 128.761



62, 7.142, 309.386

Rectangle

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



65, 7.059, 128.761



65, 7.059, 178.761



65, 7.059, 308.761



65, 7.059, 358.761

Sweetspot

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



65, 7.061, 128.766



83, 2.307, 129.041



64, 4.066, 74.451



44, 1.322, 129.049



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, 7.061, 128.766



82, 10.434, 128.690



65, 8.155, 144.043



33, 5.273, 128.686



53, 70.612, 127.709



4, 6.946, 129.969

Inverse Universe

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



62, 7.142, 309.386



77, 10.572, 309.463



63, 8.170, 324.818



31, 5.343, 309.467



21, 80.853, 312.134



1, 6.870, 308.166

Previews

White Background



This preview shows how the CIELCh color 65, 7.059, 128.761 looks on a white background.

Color Contrast Check

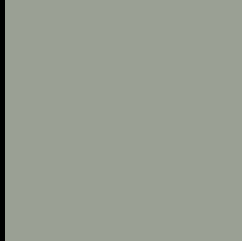
Large Text (above 18pt) WCAG AA × Fail

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 65, 7.059, 128.761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

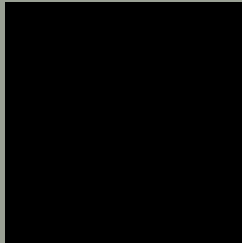
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 7.059, 128.761

Background



This preview shows how black text looks on a background with the CIELCh color 65, 7.059, 128.761.



This preview shows how white text looks on a background with the CIELCh color 65, 7.059, 128.761.

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, 7.059, 128.761

Protanopia

65, 6.524, 88.212

Deuteranopia

65, 9.684, 30.066



Tritanopia
65, 6.675, 290.891

Trichromacy



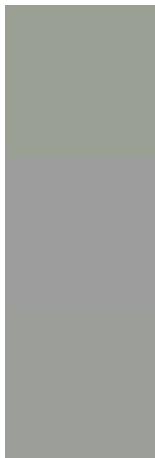
Original Color
65, 7.059, 128.761

Protanomaly
65, 6.132, 102.158

Deuteranomaly
65, 6.102, 52.654

Tritanomaly
65, 1.824, 265.939

Monochromacy



Original Color
65, 7.059, 128.761

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 2.350, 129.004

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 7.059, 128.761 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(154, 160, 148)` looks like.

```
.text, #text, p{  
    color:rgb(154, 160, 148)  
}
```

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(154, 160, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 160, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 7.059, 128.761 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(154, 160, 148) }
```

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

```
.border{ border-color:rgb(154, 160, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 160, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 160, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 160, 148);  
box-shadow:4px 4px 4px 4px rgb(154, 160,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 7.059, 128.761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 160, 148) }
```

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

```
.background{ background-color: rgb(154,  
160, 148) }
```

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