

Converting Colors

CIELCh(65, 14.024, 169.703)

Have a look what the booklet for
CIELCh(65, 14.024, 169.703)
contains.

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Color

CIELCh(65, 14.069, 169.872)

Conversions

Conversions Part 1	
Format	Color
Hex	84A599
RGB	132, 165, 153
RGB Percent	52%, 65%, 60%
CMY	0.4829, 0.3535, 0.4006
CMYK	0.20, 0.00, 0.07, 0.35
HSL	158°, 15%, 58%
HSV	158°, 20%, 65%
XYZ	28.6605, 34.0472, 35.1361
YIQ	153.7650, -15.8160, -10.7280

Conversions

Conversions Part 2

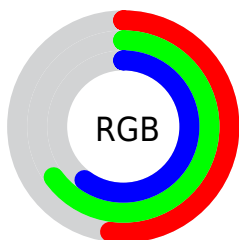
Format	Color
RYB	132, 152, 165
Decimal	8693145
CIELab	65.00, -13.85, 2.47
CIELCh	65, 14.069, 169.872
Yxy	34.0472, 0.2929, 0.3480
Android (android.graphics.Color)	4286883225 (0xFF84A599)
YUV	153.7650, -0.3771, -19.0879
Hunter-Lab	58.3500, -14.4364, 5.1428

Details

The CIELCh color **65, 14.069, 169.872** is a light color, and the websafe version is hex **669999**. A complement of this color would be **58, 14.713, 353.627**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 14.260, 169.757**, and **45, 13.972, 169.759** is the 20% darker color. If you saturate the color by 10%, you get **64, 20.867, 168.806**, and if you desaturate by 10%, it is **66, 7.085, 170.862**.

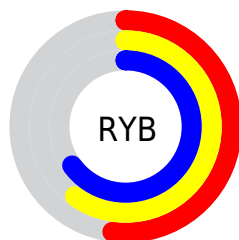
Distribution



Red (52%)

Green (65%)

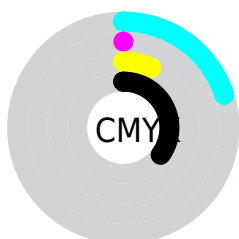
Blue (60%)



Red (52%)

Yellow (60%)

Blue (65%)

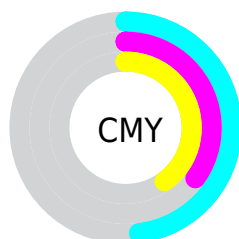


Cyan (20%)

Magenta (0%)

Yellow (7%)

Black (35%)



Cyan (48%)


Magenta (35%)


Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 14.069, 169.872 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, 14.069, 169.872 by changing the saturation by 10% instead.


 65, 14.069,
169.872


 65, 14.069,
169.872


 100, 14.069,
169.872


 55, 14.069,
169.872


 85, 14.069,
169.872

 45, 14.069,
169.872

 95, 14.069,
169.872

 35, 14.069,
169.872

 25, 14.069,
169.872

 15, 14.069,
169.872

 5, 14.069, 169.872

 0, 14.069, 169.872

65, 14.069,
169.872

65, 14.069,
169.872

64, 20.867,
168.806

66, 7.085, 170.862

63, 27.369,
167.642

68, 0.010, 217.625

69, 7.087, 352.475

62, 33.460,
166.352

71, 14.135,
353.282

61, 39.029,
164.913

73, 21.090,
354.026

61, 43.981,
163.301

74, 27.919,
354.727

60, 48.258,
161.495


76, 34.601,
355.392

60, 51.851,
159.487

77, 38.290,
353.346

60, 54.926,

157.370

 78, 39.617,
349.155

Harmonies

Complementary

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



65, 14.069, 169.872



58, 14.713, 353.627

Rectangle

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



65, 14.069, 169.872



65, 14.069, 219.872



65, 14.069, 349.872



65, 14.069, 39.872

Sweetspot

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



65, 14.070, 169.869



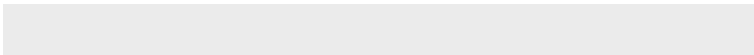
85, 5.258, 171.255



65, 20.024, 132.722



45, 3.481, 171.192



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



65, 14.070, 169.869



82, 20.788, 169.409



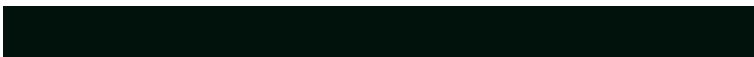
64, 10.496, 212.156



34, 3.970, 170.937



53, 49.852, 157.630



4, 6.444, 168.145

Inverse Universe

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



58, 14.713, 353.627



72, 21.962, 354.138



59, 11.994, 32.376



32, 4.054, 352.487



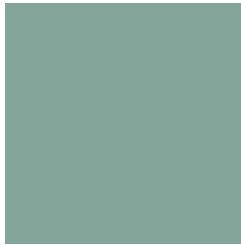
30, 56.083, 14.027



1, 6.090, 353.949

Previews

White Background



This preview shows how the CIE LCh color 65, 14.069, 169.872 looks on a white background.

Color Contrast Check

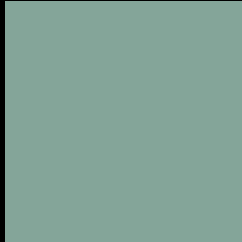
Large Text (above 18pt) WCAG AA × Fail

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, 14.069, 169.872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

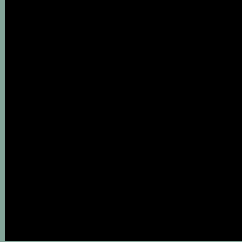
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

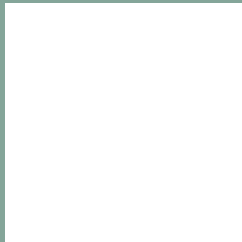
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 14.069, 169.872

Background



This preview shows how black text looks on a background with the CIELCh color 65, 14.069, 169.872.



This preview shows how white text looks on a background with the CIELCh color 65, 14.069, 169.872.

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, 14.069, 169.872

Protanopia

65, 5.344, 88.075

Deuteranopia




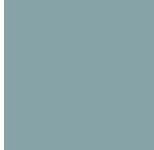
65, 8.372, 8.738



Tritanopia

65, 11.478, 237.999

Trichromacy

	Original Color 65, 14.069, 169.872
	Protanomaly 65, 6.571, 141.436
	Deuteranomaly 65, 1.698, 96.852
	Tritanomaly 65, 10.577, 210.765

Monochromacy

	Original Color 65, 14.069, 169.872
	Achromatopsia 64, 0.008, 296.813
	Achromatomaly 64, 5.096, 173.091

CSS Examples

Text

The CSS property to change the color of the text to CIElCh 65, 14.069, 169.872 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(132, 165, 153)` looks like.

```
.text, #text, p{  
    color:rgb(132, 165, 153)  
}
```

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(132, 165, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 165, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 14.069, 169.872 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(132, 165, 153) }
```

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

```
.border{ border-color:rgb(132, 165, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 165, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 165, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 165, 153);  
box-shadow:4px 4px 4px 4px rgb(132, 165,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 14.069, 169.872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 165, 153) }
```

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

```
.background{ background-color: rgb(132,  
165, 153) }
```

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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