

Converting Colors

CIELCh(65, 5.916, 17.098)

Have a look what the booklet for
CIELCh(65, 5.916, 17.098) contains.

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Color

CIELCh(65, 5.866, 14.473)

Conversions

Conversions Part 1

Format	Color
Hex	A99A9B
RGB	169, 154, 155
RGB Percent	66%, 60%, 61%
CMY	0.3361, 0.3950, 0.3910
CMYK	0.00, 0.09, 0.08, 0.34
HSL	356°, 8%, 63%
HSV	356°, 9%, 66%
XYZ	33.9660, 34.0472, 35.9163
YIQ	158.5990, 8.6190, 3.4910

Conversions

Conversions Part 2

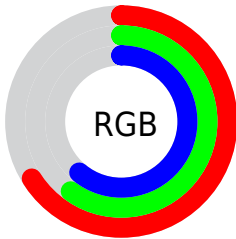
Format	Color
RYB	169, 154, 155
Decimal	11115163
CIELab	65.00, 5.68, 1.47
CIELCh	65, 5.866, 14.473
Yxy	34.0472, 0.3268, 0.3276
Android (android.graphics.Color)	4289305243 (0xFFA99A9B)
YUV	158.5990, -1.7743, 9.1217
Hunter-Lab	58.3500, 1.7939, 4.3500

Details

The CIELCh color $65, 5.866, 14.473$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 5.589, 193.362$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 5.902, 14.662$, and $45, 5.911, 14.341$ is the 20% darker color. If you saturate the color by 10%, you get $60, 12.919, 15.453$, and if you desaturate by 10%, it is $70, 0.726, 194.479$.

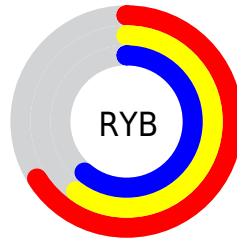
Distribution



Red (66%)

Green (60%)

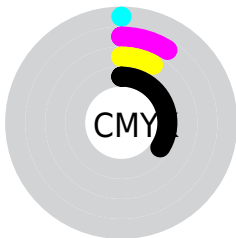
Blue (61%)



Red (66%)

Yellow (60%)

Blue (61%)

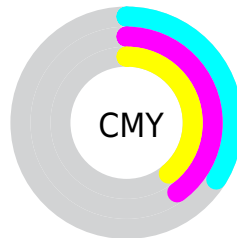


Cyan (0%)

Magenta (9%)

Yellow (8%)

Black (34%)



Cyan (34%)

Magenta (40%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 5.866, 14.473 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, 5.866, 14.473 by changing the saturation by 10% instead.

65, 5.866, 14.473

65, 5.866, 14.473

100, 5.866, 14.473

55, 5.866, 14.473

85, 5.866, 14.473

45, 5.866, 14.473

95, 5.866, 14.473

35, 5.866, 14.473

25, 5.866, 14.473

15, 5.866, 14.473

5, 5.866, 14.473

0, 5.866, 14.473

65, 5.866, 14.473

65, 5.866, 14.473

60, 12.919, 15.453

70, 0.726, 194.479

■ 56, 20.430, 16.611

■ 75, 6.871, 193.266

■ 51, 28.347, 18.060

■ 80, 12.605,
192.711

■ 47, 36.554, 19.901

■ 85, 17.968,
192.254

■ 43, 44.864, 22.251

■ 40, 53.025, 25.223

■ 90, 23.000,
191.863

■ 38, 60.754, 28.859

■ 95, 27.409,
192.399

■ 36, 67.734, 32.985

■ 35, 73.521, 36.819

■ 95, 26.946,
197.756

Harmonies

Complementary

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



65, 5.866, 14.473



68, 5.589, 193.362

Rectangle

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



65, 5.866, 14.473



65, 5.866, 64.473



65, 5.866, 194.473



65, 5.866, 244.473

Sweetspot

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



65, 5.865, 14.488



86, 2.403, 13.874



65, 9.907, 323.060



45, 1.824, 13.982



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



65, 5.865, 14.488



81, 9.059, 14.703



67, 4.866, 66.838



33, 3.733, 14.527



30, 66.697, 36.646



1, 6.602, 14.654

Inverse Universe

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



65, 5.865, 14.488



81, 9.059, 14.703



66, 4.725, 248.985



33, 3.733, 14.527



30, 66.697, 36.646



1, 6.602, 14.654

Previews

White Background



This preview shows how the CIELCh color 65, 5.866, 14.473 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, 5.866, 14.473 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, 5.866, 14.473

Background



This preview shows how black text looks on a background with the CIELCh color 65, 5.866, 14.473.



This preview shows how white text looks on a background with the CIELCh color 65, 5.866, 14.473.

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, 5.866, 14.473

Protanopia

65, 1.536, 19.246

Deuteranopia

65, 8.362, 8.731



Tritanopia
65, 9.597, 336.367

Trichromacy



Original Color
65, 5.866, 14.473

Protanomaly
65, 3.090, 19.542

Deuteranomaly
65, 7.588, 7.452

Tritanomaly
65, 7.922, 346.067

Monochromacy



Original Color
65, 5.866, 14.473

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 2.377, 5.955

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 5.866, 14.473 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(169, 154, 155)` looks like.

```
.text, #text, p{  
    color:rgb(169, 154, 155)  
}
```

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(169, 154, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 154, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 5.866, 14.473 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(169, 154, 155) }
```

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

```
.border{ border-color:rgb(169, 154, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 154, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 154, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 154, 155);  
box-shadow:4px 4px 4px 4px rgb(169, 154,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 5.866, 14.473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 154, 155) }
```

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

```
.background{ background-color: rgb(169,  
154, 155) }
```

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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