

Converting Colors

CIELCh(65, 4.665, 179.198)

Have a look what the booklet for
CIELCh(65, 4.665, 179.198) contains.

CIELCh(65, 4.501, 177.354)	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, 4.501, 177.354)

Conversions

Conversions Part 1

Format	Color
Hex	95A09D
RGB	149, 160, 157
RGB Percent	58%, 63%, 62%
CMY	0.4150, 0.3719, 0.3836
CMYK	0.07, 0.00, 0.02, 0.37
HSL	164°, 5%, 61%
HSV	164°, 7%, 63%
XYZ	31.1266, 34.0472, 36.9064
YIQ	156.3690, -5.5930, -3.2650

Conversions

Conversions Part 2

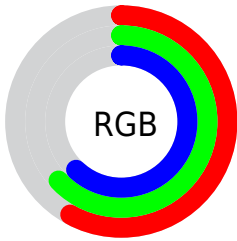
Format	Color
RYB	149, 155, 160
Decimal	9805981
CIELab	65.00, -4.50, 0.21
CIELCh	65, 4.501, 177.354
Yxy	34.0472, 0.3049, 0.3335
Android (android.graphics.Color)	4287996061 (0xFF95A09D)
YUV	156.3690, 0.3111, -6.4626
Hunter-Lab	58.3500, -6.8921, 3.3440

Details

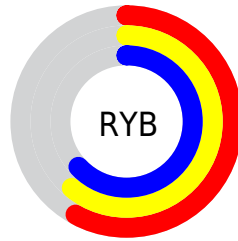
The CIELCh color **65, 4.501, 177.354** is a light color, and the websafe version is hex **999999**. A complement of this color would be **63, 4.602, 358.407**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 4.596, 179.125**, and **45, 4.814, 177.066** is the 20% darker color. If you saturate the color by 10%, you get **64, 10.954, 176.348**, and if you desaturate by 10%, it is **66, 2.068, 357.935**.

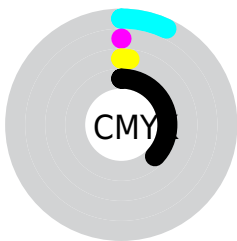
Distribution



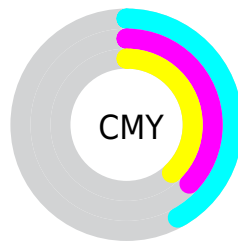
- Red (58%)
- Green (63%)
- Blue (62%)



- Red (58%)
- Yellow (61%)
- Blue (63%)



- Cyan (7%)
- Magenta (0%)
- Yellow (2%)
- Black (37%)



- Cyan (42%)
- Magenta (37%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 4.501, 177.354 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, 4.501, 177.354 by changing the saturation by 10% instead.

■ 65, 4.501, 177.354

■ 65, 4.501, 177.354

■ 100, 4.501,
177.354

■ 55, 4.501, 177.354

■ 85, 4.501, 177.354

■ 45, 4.501, 177.354

■ 95, 4.501, 177.354

■ 35, 4.501, 177.354

■ 25, 4.501, 177.354

■ 15, 4.501, 177.354

■ 5, 4.501, 177.354

■ 0, 4.501, 177.354

■ 65, 4.501, 177.354

■ 65, 4.501, 177.354

■ 64, 10.954,

■ 66, 2.068, 357.935

176.348

68, 8.686, 358.925

63, 17.197,
175.328

69, 15.291,
359.743

62, 23.135,
174.235

71, 21.839, 0.514

61, 28.659,
173.047

73, 28.298, 1.250

75, 34.645, 1.956

60, 33.667,
171.742

76, 38.641, 1.059

60, 38.069,
170.295

76, 39.259,
357.793

59, 41.805,
168.685

76, 40.014,
354.651

59, 44.858,
166.892

59, 47.303,
164.931

Harmonies

Complementary

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



65, 4.501, 177.354



63, 4.602, 358.407

Rectangle

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



65, 4.501, 177.354



65, 4.501, 227.354



65, 4.501, 357.354



65, 4.501, 47.354

Sweetspot

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



65, 4.502, 177.342



84, 1.630, 177.992



65, 6.844, 135.995



44, 0.925, 178.023



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, 4.502, 177.342



83, 6.507, 177.210



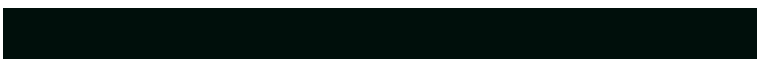
64, 3.470, 221.790



33, 3.660, 177.101



52, 44.010, 164.553



3, 4.926, 175.395

Inverse Universe

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



63, 4.602, 358.407



79, 6.676, 358.545



63, 3.612, 41.116



31, 3.766, 358.661



29, 57.290, 22.216



1, 4.800, 358.872

Previews

White Background



This preview shows how the CIE LCh color 65, 4.501, 177.354 looks on a white background.

Color Contrast Check

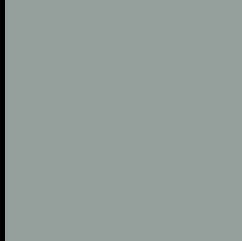
Large Text (above 18pt) WCAG AA × Fail

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, 4.501, 177.354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

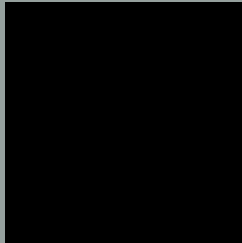
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

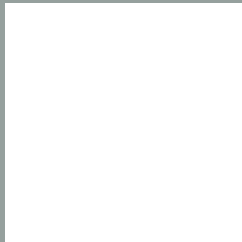
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 4.501, 177.354

Background



This preview shows how black text looks on a background with the CIELCh color 65, 4.501, 177.354.



This preview shows how white text looks on a background with the CIELCh color 65, 4.501, 177.354.

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

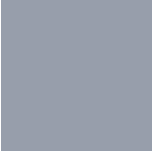
65, 4.501, 177.354

Protanopia

65, 1.888, 55.189

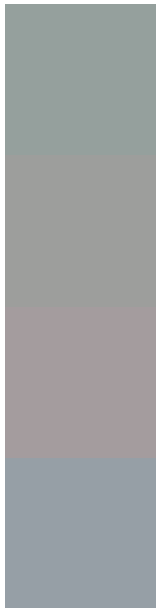
Deuteranopia

65, 8.078, 355.865



Tritanopia
65, 7.615, 271.339

Trichromacy



Original Color
65, 4.501, 177.354

Protanomaly
65, 1.171, 129.100

Deuteranomaly
65, 3.281, 359.831

Tritanomaly
65, 5.066, 249.573

Monochromacy



Original Color
65, 4.501, 177.354

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 1.624, 179.550

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 4.501, 177.354 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(149, 160, 157)` looks like.

```
.text, #text, p{  
    color:rgb(149, 160, 157)  
}
```

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(149, 160, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 160, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 4.501, 177.354 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(149, 160, 157) }
```

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

```
.border{ border-color:rgb(149, 160, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 160, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 160, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 160, 157);  
box-shadow:4px 4px 4px 4px rgb(149, 160,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 4.501, 177.354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 160, 157) }
```

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

```
.background{ background-color: rgb(149,  
160, 157) }
```

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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