

Converting Colors

CIELCh(65, 4.120, 60.195)

Have a look what the booklet for
CIELCh(65, 4.120, 60.195) contains.

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Color

CIELCh(65, 4.163, 61.178)

Conversions

Conversions Part 1

Format	Color
Hex	A49C97
RGB	164, 156, 151
RGB Percent	64%, 61%, 59%
CMY	0.3557, 0.3870, 0.4067
CMYK	0.00, 0.05, 0.08, 0.36
HSL	23°, 7%, 62%
HSV	23°, 8%, 64%
XYZ	32.9221, 34.0472, 34.2422
YIQ	157.8220, 6.3730, 0.1410

Conversions

Conversions Part 2

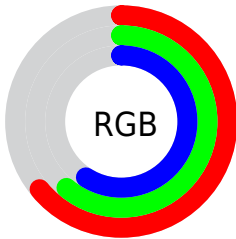
Format	Color
RYB	164, 159, 151
Decimal	10787991
CIELab	65.00, 2.01, 3.65
CIELCh	65, 4.163, 61.178
Yxy	34.0472, 0.3253, 0.3364
Android (android.graphics.Color)	4288978071 (0xFFA49C97)
YUV	157.8220, -3.3632, 5.4181
Hunter-Lab	58.3500, -1.3995, 6.0511

Details

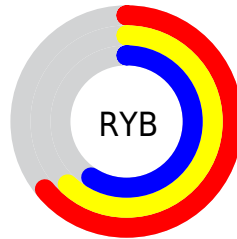
The CIELCh color **65, 4.163, 61.178** is a light color, and the websafe version is hex **999999**. A complement of this color would be **65, 4.034, 242.965**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 4.209, 57.967**, and **45, 4.186, 64.756** is the 20% darker color. If you saturate the color by 10%, you get **62, 9.731, 60.319**, and if you desaturate by 10%, it is **68, 1.070, 242.622**.

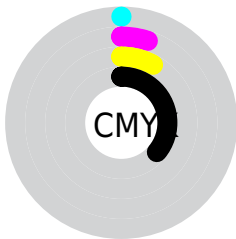
Distribution



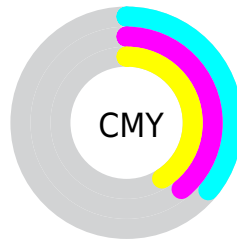
- Red (64%)
- Green (61%)
- Blue (59%)



- Red (64%)
- Yellow (62%)
- Blue (59%)



- Cyan (0%)
- Magenta (5%)
- Yellow (8%)
- Black (36%)



- Cyan (36%)
- Magenta (39%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 4.163, 61.178 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, 4.163, 61.178 by changing the saturation by 10% instead.

 65, 4.163, 61.178  65, 4.163, 61.178

 100, 4.163, 61.178  55, 4.163, 61.178

 85, 4.163, 61.178  45, 4.163, 61.178


 95, 4.163, 61.178  35, 4.163, 61.178

 25, 4.163, 61.178

 15, 4.163, 61.178

 5, 4.163, 61.178

 0, 4.163, 61.178

 65, 4.163, 61.178  65, 4.163, 61.178

 62, 9.731, 60.319  68, 1.070, 242.622

59, 15.666, 59.422

71, 6.004, 243.278

56, 21.996, 58.557

75, 10.673,
244.199

53, 28.730, 57.739

78, 15.108,
245.123

50, 35.843, 56.969

48, 43.239, 56.217

81, 19.339,
246.030

45, 50.676, 55.397

84, 23.390,
246.914

43, 57.636, 54.294

41, 63.481, 52.713

87, 23.815,
236.560

90, 24.106,
220.894

93, 25.987,
206.752

Harmonies

Complementary

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



65, 4.163, 61.178



65, 4.034, 242.965

Rectangle

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



65, 4.163, 61.178



65, 4.163, 111.178



65, 4.163, 241.178



65, 4.163, 291.178

Sweetspot

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



65, 4.163, 61.206



85, 1.278, 61.486



64, 6.726, 338.391



45, 0.725, 61.474



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, 4.163, 61.206



82, 5.898, 61.100



67, 6.346, 104.150



33, 2.972, 61.092



36, 58.991, 52.900



2, 4.480, 57.586

Inverse Universe

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



65, 4.034, 242.965



82, 5.681, 243.093



63, 6.438, 285.857



33, 2.861, 243.103



36, 37.065, 269.136



3, 4.619, 248.841

Previews

White Background



This preview shows how the CIELCh color 65, 4.163, 61.178 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, 4.163, 61.178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

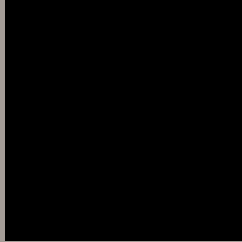
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

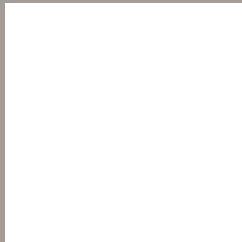
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 4.163, 61.178

Background



This preview shows how black text looks on a background with the CIELCh color 65, 4.163, 61.178.



This preview shows how white text looks on a background with the CIELCh color 65, 4.163, 61.178.

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, 4.163, 61.178

Protanopia

65, 3.368, 74.593

Deuteranopia

65, 9.064, 20.214



Tritanopia
65, 8.112, 324.803

Trichromacy



Original Color
65, 4.163, 61.178

Protanomaly
65, 3.607, 69.487

Deuteranomaly
65, 6.765, 29.340

Tritanomaly
65, 5.099, 339.014

Monochromacy



Original Color
65, 4.163, 61.178

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 1.271, 44.959

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 4.163, 61.178 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(164, 156, 151)` looks like.

```
.text, #text, p{  
    color:rgb(164, 156, 151)  
}
```

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(164, 156, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 156, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 4.163, 61.178 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(164, 156, 151) }
```

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

```
.border{ border-color:rgb(164, 156, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 156, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 156, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 156, 151);  
box-shadow:4px 4px 4px 4px rgb(164, 156,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 4.163, 61.178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 156, 151) }
```

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

```
.background{ background-color: rgb(164,  
156, 151) }
```

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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