

Converting Colors

CIELCh(65, 16.993, 4.694)

Have a look what the booklet for
CIELCh(65, 16.993, 4.694) contains.

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Color

CIELCh(65, 17.241, 4.446)

Conversions

Conversions Part 1

Format	Color
Hex	BD939C
RGB	189, 147, 156
RGB Percent	74%, 58%, 61%
CMY	0.2592, 0.4238, 0.3886
CMYK	0.00, 0.22, 0.17, 0.26
HSL	347°, 24%, 66%
HSV	347°, 22%, 74%
XYZ	37.3797, 34.0472, 36.0174
YIQ	160.5840, 22.1430, 11.7030

Conversions

Conversions Part 2

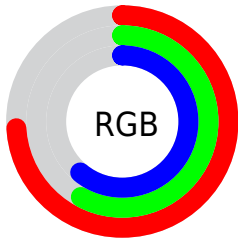
Format	Color
R _Y B	189, 147, 156
Decimal	12424092
CIE Lab	65.00, 17.19, 1.34
CIE LCh	65, 17.241, 4.446
Yxy	34.0472, 0.3479, 0.3169
Android (android.graphics.Color)	4290614172 (0xFFBD939C)
YUV	160.5840, -2.2599, 24.9208
Hunter-Lab	58.3500, 12.2368, 4.2473

Details

The CIELCh color **65, 17.241, 4.446** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **73, 15.822, 180.155**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 17.357, 5.076**, and **45, 17.324, 3.996** is the 20% darker color. If you saturate the color by 10%, you get **60, 25.520, 5.820**, and if you desaturate by 10%, it is **70, 9.259, 3.288**.

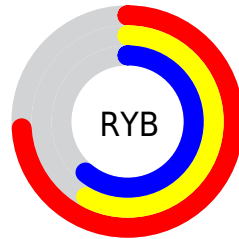
Distribution



Red (74%)

Green (58%)

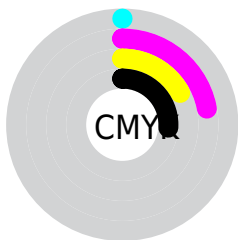
Blue (61%)



Red (74%)

Yellow (58%)

Blue (61%)

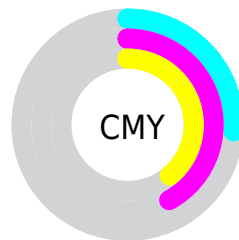


Cyan (0%)

Magenta (22%)

Yellow (17%)

Black (26%)



Cyan (26%)

Magenta (42%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 17.241, 4.446 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, 17.241, 4.446 by changing the saturation by 10% instead.

65, 17.241, 4.446

65, 17.241, 4.446

100, 17.241, 4.446

55, 17.241, 4.446

85, 17.241, 4.446

45, 17.241, 4.446

95, 17.241, 4.446

35, 17.241, 4.446

25, 17.241, 4.446

15, 17.241, 4.446

5, 17.241, 4.446

0, 17.241, 4.446

65, 17.241, 4.446

65, 17.241, 4.446

60, 25.520, 5.820

70, 9.259, 3.288

■ 55, 33.971, 7.483

■ 75, 1.647, 2.077

■ 51, 42.377, 9.543

■ 81, 5.575, 181.620

■ 47, 50.442, 12.135

■ 86, 12.412,
180.837

■ 44, 57.831, 15.413

■ 92, 18.885,
180.171

■ 42, 64.278, 19.508

■ 40, 69.714, 24.426

■ 96, 22.563,
184.769

■ 40, 73.547, 28.460

■ 96, 21.419,
198.098

Harmonies

Complementary

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



65, 17.241, 4.446



73, 15.822, 180.155

Rectangle

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



65, 17.241, 4.446



65, 17.241, 54.446



65, 17.241, 184.446



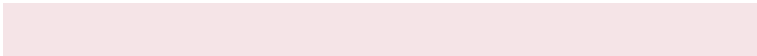
65, 17.241, 234.446

Sweetspot

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



65, 17.239, 4.451



92, 6.458, 2.735



65, 26.279, 319.274



48, 4.201, 2.800



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



65, 17.239, 4.451



79, 26.140, 5.132



68, 13.848, 48.277



37, 4.256, 2.978



33, 64.041, 27.638



3, 12.568, 7.263

Inverse Universe

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



65, 17.239, 4.451



79, 26.140, 5.132



70, 12.132, 231.313



37, 4.256, 2.978



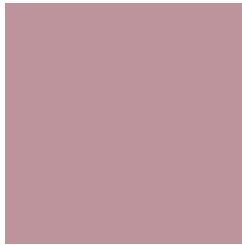
33, 64.041, 27.638



3, 12.568, 7.263

Previews

White Background



This preview shows how the CIELCh color 65, 17.241, 4.446 looks on a white background.

Color Contrast Check

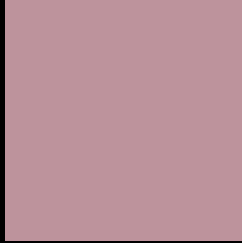
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 65, 17.241, 4.446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

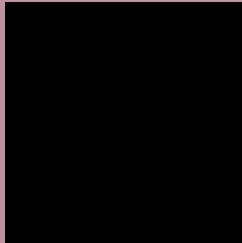
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 17.241, 4.446

Background



This preview shows how black text looks on a background with the CIELCh color 65, 17.241, 4.446.



This preview shows how white text looks on a background with the CIELCh color 65, 17.241, 4.446.

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, 17.241, 4.446

Protanopia

65, 3.022, 312.565

Deuteranopia

65, 8.287, 12.489



Tritanopia
65, 17.515, 0.944

Trichromacy



Original Color
65, 17.241, 4.446

Protanomaly
65, 7.969, 351.008

Deuteranomaly
65, 11.208, 9.114

Tritanomaly
65, 17.369, 2.681

Monochromacy



Original Color
65, 17.241, 4.446

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 6.039, 3.980

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 17.241, 4.446 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(189, 147, 156)` looks like.

```
.text, #text, p{  
    color:rgb(189, 147, 156)  
}
```

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(189, 147, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 147, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 17.241, 4.446 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(189, 147, 156) }
```

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

```
.border{ border-color:rgb(189, 147, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 147, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 147, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 147, 156);  
box-shadow:4px 4px 4px 4px rgb(189, 147,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 17.241, 4.446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 147, 156) }
```

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

```
.background{ background-color: rgb(189,  
147, 156) }
```

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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