

Converting Colors

CIELCh(65, 15.737, 49.755)

Have a look what the booklet for
CIELCh(65, 15.737, 49.755) contains.

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Color

CIELCh(65, 15.713, 49.762)

Conversions

Conversions Part 1

Format	Color
Hex	B89789
RGB	184, 151, 137
RGB Percent	72%, 59%, 54%
CMY	0.2791, 0.4085, 0.4634
CMYK	0.00, 0.18, 0.26, 0.28
HSL	18°, 25%, 63%
HSV	18°, 26%, 72%
XYZ	35.2660, 34.0472, 28.3164
YIQ	159.2710, 24.1620, 2.6420

Conversions

Conversions Part 2

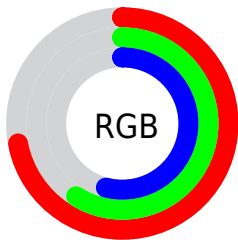
Format	Color
RYB	184, 157, 137
Decimal	12097417
CIELab	65.00, 10.15, 11.99
CIELCh	65, 15.713, 49.762
Yxy	34.0472, 0.3612, 0.3487
Android (android.graphics.Color)	4290287497 (0xFFB89789)
YUV	159.2710, -10.9796, 21.6873
Hunter-Lab	58.3500, 5.7708, 12.0724

Details

The CIELCh color $65, 15.713, 49.762$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $68, 13.523, 233.652$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 15.975, 49.535$, and $45, 15.698, 49.942$ is the 20% darker color. If you saturate the color by 10%, you get $61, 22.723, 49.326$, and if you desaturate by 10%, it is $69, 9.207, 50.291$.

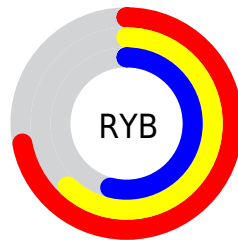
Distribution



Red (72%)

Green (59%)

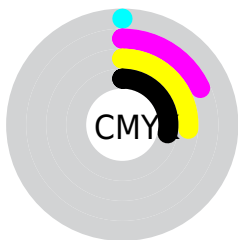
Blue (54%)



Red (72%)

Yellow (62%)

Blue (54%)

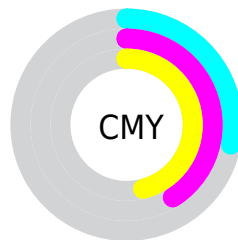


Cyan (0%)

Magenta (18%)

Yellow (26%)

Black (28%)



Cyan (28%)

Magenta (41%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 15.713, 49.762 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, 15.713, 49.762 by changing the saturation by 10% instead.

■ 65, 15.713, 49.762

■ 65, 15.713, 49.762

■ 100, 15.713,
49.762

■ 55, 15.713, 49.762

■ 85, 15.713, 49.762

■ 45, 15.713, 49.762

■ 95, 15.713, 49.762

■ 35, 15.713, 49.762

■ 25, 15.713, 49.762

■ 15, 15.713, 49.762

■ 5, 15.713, 49.762

■ 0, 15.713, 49.762

■ 65, 15.713, 49.762

■ 65, 15.713, 49.762

■ 61, 22.723, 49.326

■ 69, 9.207, 50.291

58, 30.261, 48.986

73, 3.169, 50.799

54, 38.316, 48.765

76, 2.447, 231.797

51, 46.806, 48.657

80, 7.687, 232.347

48, 55.517, 48.596

84, 12.595,
233.022

46, 63.942, 48.387

88, 17.211,
233.716

43, 71.067, 47.599

92, 19.515,
220.001

43, 74.010, 47.342

95, 22.587,
199.245

96, 22.898,
198.006

Harmonies

Complementary

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



65, 15.713, 49.762



68, 13.523, 233.652

Rectangle

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



65, 15.713, 49.762



65, 15.713, 99.762



65, 15.713, 229.762



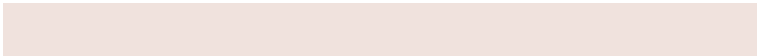
65, 15.713, 279.762

Sweetspot

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



65, 15.712, 49.771



91, 5.711, 50.686



62, 25.785, 335.386



48, 4.079, 50.610



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



65, 15.712, 49.771



80, 24.194, 49.495



71, 20.378, 96.399



37, 3.271, 50.625



36, 65.110, 47.774



4, 8.935, 41.560

Inverse Universe

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



68, 13.523, 233.652



84, 20.002, 234.422



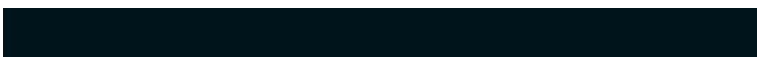
61, 20.894, 282.872



37, 3.113, 232.081



43, 33.539, 255.000



5, 8.673, 244.775

Previews

White Background



This preview shows how the CIELCh color 65, 15.713, 49.762 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, 15.713, 49.762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

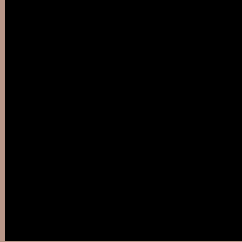
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 15.713, 49.762

Background



This preview shows how black text looks on a background with the CIELCh color 65, 15.713, 49.762.

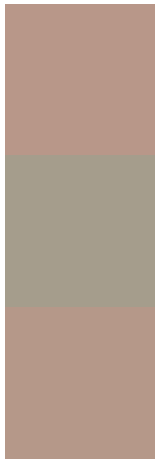


This preview shows how white text looks on a background with the CIELCh color 65, 15.713, 49.762.

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, 15.713, 49.762

Protanopia

65, 9.934, 90.306

Deuteranopia

65, 14.585, 54.712



Tritanopia
65, 16.013, 358.753

Trichromacy



Original Color
65, 15.713, 49.762

Protanomaly
65, 11.242, 71.451

Deuteranomaly
65, 14.934, 53.819

Tritanomaly
65, 14.360, 16.390

Monochromacy



Original Color
65, 15.713, 49.762

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 5.453, 50.129

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 15.713, 49.762 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(184, 151, 137)` looks like.

```
.text, #text, p{  
    color:rgb(184, 151, 137)  
}
```

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(184, 151, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 151, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 15.713, 49.762 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(184, 151, 137) }
```

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

```
.border{ border-color:rgb(184, 151, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 151, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 151, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 151, 137);  
box-shadow:4px 4px 4px 4px rgb(184, 151,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 15.713, 49.762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 151, 137) }
```

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

```
.background{ background-color: rgb(184,  
151, 137) }
```

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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