

Converting Colors

CIELCh(66, 14.563, 6.396)

Have a look what the booklet for
CIELCh(66, 14.563, 6.396) contains.

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Color

CIELCh(66, 14.619, 5.572)

Conversions

Conversions Part 1

Format	Color
Hex	BB979E
RGB	187, 151, 158
RGB Percent	73%, 59%, 62%
CMY	0.2653, 0.4066, 0.3791
CMYK	0.00, 0.19, 0.15, 0.27
HSL	348°, 21%, 66%
HSV	348°, 19%, 73%
XYZ	37.8936, 35.3238, 37.3148
YIQ	162.5620, 19.2090, 9.8090

Conversions

Conversions Part 2

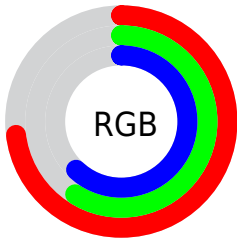
Format	Color
RYB	187, 151, 158
Decimal	12294046
CIELab	66.00, 14.55, 1.42
CIElCh	66, 14.619, 5.572
Yxy	35.3238, 0.3428, 0.3196
Android (android.graphics.Color)	4290484126 (0xFFBB979E)
YUV	162.5620, -2.2491, 21.4321
Hunter-Lab	59.4338, 9.7980, 4.3792

Details

The CIELCh color **66, 14.619, 5.572** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **73, 13.520, 181.995**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 15.002, 4.417**, and **46, 14.502, 4.848** is the 20% darker color. If you saturate the color by 10%, you get **61, 22.747, 6.873**, and if you desaturate by 10%, it is **71, 6.834, 4.465**.

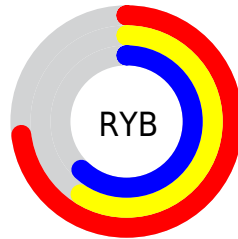
Distribution



Red (73%)

Green (59%)

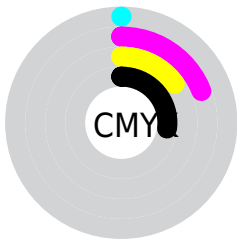
Blue (62%)



Red (73%)

Yellow (59%)

Blue (62%)

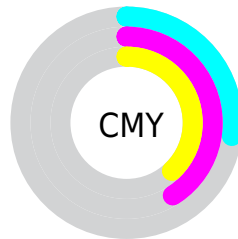


Cyan (0%)

Magenta (19%)

Yellow (15%)

Black (27%)



Cyan (27%)

Magenta (41%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 14.619, 5.572 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 66, 14.619, 5.572 by changing the saturation by 10% instead.

66, 14.619, 5.572

66, 14.619, 5.572

100, 14.619, 5.572

56, 14.619, 5.572

86, 14.619, 5.572

46, 14.619, 5.572

96, 14.619, 5.572

36, 14.619, 5.572

26, 14.619, 5.572

16, 14.619, 5.572

6, 14.619, 5.572

0, 14.619, 5.572

66, 14.619, 5.572

66, 14.619, 5.572

61, 22.747, 6.873

71, 6.834, 4.465

56, 31.121, 8.442

76, 0.557, 184.495

52, 39.560, 10.381

82, 7.547, 182.892

48, 47.801, 12.817

87, 14.152,
182.168

45, 55.524, 15.898

93, 20.396,
181.541

42, 62.438, 19.760

40, 68.396, 24.438

96, 22.450,
189.928

39, 73.607, 29.564

96, 21.881,
198.069

39, 74.020, 29.933

Harmonies

Complementary

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



66, 14.619, 5.572



73, 13.520, 181.995

Rectangle

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



66, 14.619, 5.572



66, 14.619, 55.572



66, 14.619, 185.572



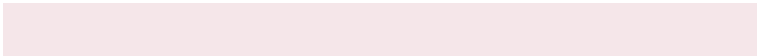
66, 14.619, 235.572

Sweetspot

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



66, 14.617, 5.577



93, 5.480, 4.126



66, 22.625, 319.650



49, 3.640, 4.198



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



66, 14.617, 5.577



82, 21.957, 6.089



69, 11.707, 50.328



37, 4.226, 4.479



33, 64.852, 29.165



3, 12.516, 8.359

Inverse Universe

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



66, 14.617, 5.577



82, 21.957, 6.089



71, 10.498, 233.223



37, 4.226, 4.479



33, 64.852, 29.165



3, 12.516, 8.359

Previews

White Background



This preview shows how the CIELCh color 66, 14.619, 5.572 looks on a white background.

Color Contrast Check

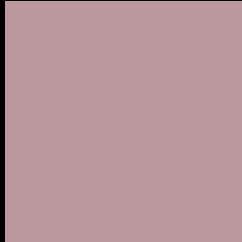
Large Text (above 18pt) WCAG AA × Fail

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 66, 14.619, 5.572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

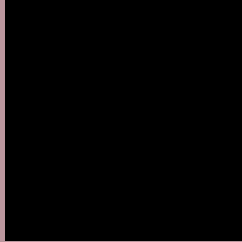
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 14.619, 5.572

Background



This preview shows how black text looks on a background with the CIELCh color 66, 14.619, 5.572.



This preview shows how white text looks on a background with the CIELCh color 66, 14.619, 5.572.

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

66, 14.619, 5.572

Protanopia

66, 2.032, 324.432

Deuteranopia

66, 8.729, 9.278



Tritanopia
66, 15.592, 358.115

Trichromacy



Original Color
66, 14.619, 5.572

Protanomaly
66, 6.198, 359.057

Deuteranomaly
66, 10.776, 8.625

Tritanomaly
66, 15.417, 0.031

Monochromacy



Original Color
66, 14.619, 5.572

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 5.134, 7.404

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 14.619, 5.572 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(187, 151, 158)` looks like.

```
.text, #text, p{  
    color:rgb(187, 151, 158)  
}
```

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(187, 151, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 151, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 14.619, 5.572 is called "border". The border property can be set on classes, ids or directly on the HTML element.

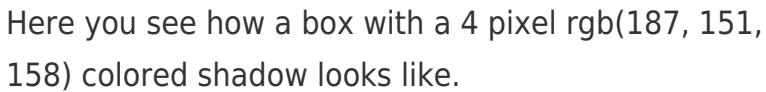
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 151, 158) }
```

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

```
.border{ border-color:rgb(187, 151, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 151, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 151, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 151, 158); box-shadow:4px 4px 4px 4px rgb(187, 151, 158) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 14.619, 5.572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 151, 158) }
```

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

```
.background{ background-color: rgb(187,  
151, 158) }
```

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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