

Converting Colors

CIELCh(66, 14.719, 48.538)

Have a look what the booklet for
CIELCh(66, 14.719, 48.538) contains.

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Color

CIELCh(66, 14.605, 49.575)

Conversions

Conversions Part 1

Format	Color
Hex	B99A8D
RGB	185, 154, 141
RGB Percent	73%, 60%, 55%
CMY	0.2747, 0.3963, 0.4472
CMYK	0.00, 0.17, 0.24, 0.27
HSL	18°, 24%, 64%
HSV	18°, 24%, 73%
XYZ	36.3461, 35.3238, 30.0826
YIQ	161.7870, 22.6490, 2.5290

Conversions

Conversions Part 2

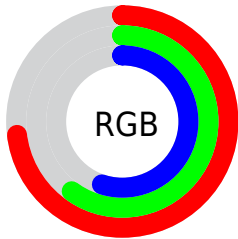
Format	Color
RYB	185, 159, 141
Decimal	12163725
CIELab	66.00, 9.47, 11.12
CIELCh	66, 14.605, 49.575
Yxy	35.3238, 0.3572, 0.3472
Android (android.graphics.Color)	4290353805 (0xFFB99A8D)
YUV	161.7870, -10.2480, 20.3578
Hunter-Lab	59.4338, 5.1503, 11.5939

Details

The CIELCh color $66, 14.605, 49.575$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $68, 12.707, 233.119$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 14.681, 47.621$, and $46, 14.454, 49.800$ is the 20% darker color. If you saturate the color by 10%, you get $62, 21.565, 49.137$, and if you desaturate by 10%, it is $70, 8.148, 50.101$.

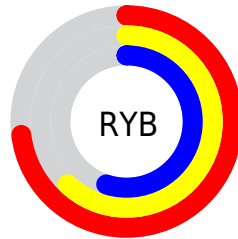
Distribution



Red (73%)

Green (60%)

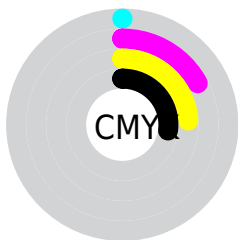
Blue (55%)



Red (73%)

Yellow (62%)

Blue (55%)

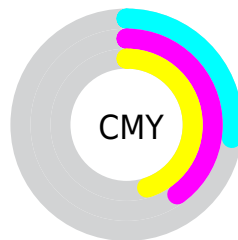


Cyan (0%)

Magenta (17%)

Yellow (24%)

Black (27%)



Cyan (27%)

Magenta (40%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 14.605, 49.575 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, 14.605, 49.575 by changing the saturation by 10% instead.

66, 14.605, 49.575

66, 14.605, 49.575

100, 14.605,
49.575

56, 14.605, 49.575

86, 14.605, 49.575

46, 14.605, 49.575

96, 14.605, 49.575

36, 14.605, 49.575

26, 14.605, 49.575

16, 14.605, 49.575

6, 14.605, 49.575

0, 14.605, 49.575

66, 14.605, 49.575

66, 14.605, 49.575

62, 21.565, 49.137

70, 8.148, 50.101

■ 59, 29.056, 48.792

■ 74, 2.155, 50.543

■ 55, 37.072, 48.567

■ 78, 3.420, 231.556

■ 52, 45.551, 48.461

■ 82, 8.624, 232.149

■ 49, 54.306, 48.423

■ 85, 13.500,
232.822

■ 46, 62.895, 48.289

■ 89, 18.088,
233.510

■ 44, 70.382, 47.660

■ 43, 74.456, 47.212

■ 93, 19.861,
213.178

■ 96, 22.574,
198.026

Harmonies

Complementary

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



66, 14.605, 49.575



68, 12.707, 233.119

Rectangle

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



66, 14.605, 49.575



66, 14.605, 99.575



66, 14.605, 229.575



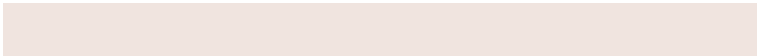
66, 14.605, 279.575

Sweetspot

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



66, 14.604, 49.584



91, 4.980, 50.442



64, 24.111, 335.254



48, 3.241, 50.415



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



66, 14.604, 49.584



81, 22.470, 49.319



72, 19.048, 96.611



37, 3.272, 50.335



36, 65.193, 47.657



4, 8.942, 41.351

Inverse Universe

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



68, 12.707, 233.119



85, 18.822, 233.812



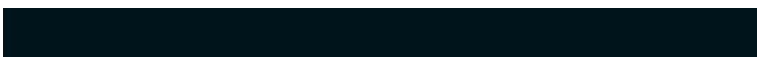
63, 19.493, 282.586



37, 3.113, 231.771



43, 33.417, 254.546



5, 8.663, 244.423

Previews

White Background



This preview shows how the CIELCh color 66, 14.605, 49.575 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 66, 14.605, 49.575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

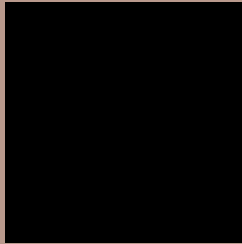
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 14.605, 49.575

Background



This preview shows how black text looks on a background with the CIELCh color 66, 14.605, 49.575.



This preview shows how white text looks on a background with the CIELCh color 66, 14.605, 49.575.

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, 14.605, 49.575

Protanopia

66, 9.247, 91.687

Deuteranopia

66, 13.834, 53.939



Tritanopia
66, 15.230, 357.488

Trichromacy



Original Color
66, 14.605, 49.575

Protanomaly
66, 10.497, 71.506

Deuteranomaly
66, 14.184, 53.023

Tritanomaly
66, 13.494, 16.010

Monochromacy



Original Color
66, 14.605, 49.575

Achromatopsia
67, 0.008, 296.813

Achromatomaly
66, 5.094, 52.372

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 14.605, 49.575 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(185, 154, 141)` looks like.

```
.text, #text, p{  
    color:rgb(185, 154, 141)  
}
```

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(185, 154, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 154, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 14.605, 49.575 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(185, 154, 141) }
```

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

```
.border{ border-color:rgb(185, 154, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 154, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 154, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 154, 141);  
box-shadow:4px 4px 4px 4px rgb(185, 154,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 14.605, 49.575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 154, 141) }
```

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

```
.background{ background-color: rgb(185,  
154, 141) }
```

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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