

Converting Colors

CIELCh(66, 21.471, 85.946)

Have a look what the booklet for
CIELCh(66, 21.471, 85.946) contains.

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Color

CIELCh(66, 21.434, 86.168)

Conversions

Conversions Part 1

Format	Color
Hex	B19E7A
RGB	177, 158, 122
RGB Percent	69%, 62%, 48%
CMY	0.3049, 0.3794, 0.5207
CMYK	0.00, 0.11, 0.31, 0.30
HSL	39°, 26%, 59%
HSV	39°, 31%, 70%
XYZ	33.9841, 35.3238, 23.5147
YIQ	159.5770, 22.8800, -7.1680

Conversions

Conversions Part 2

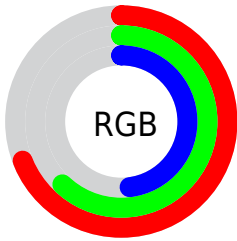
Format	Color
RYB	151, 177, 122
Decimal	11640442
CIELab	66.00, 1.43, 21.39
CIELCh	66, 21.434, 86.168
Yxy	35.3238, 0.3661, 0.3806
Android (android.graphics.Color)	4289830522 (0xFFB19E7A)
YUV	159.5770, -18.5255, 15.2800
Hunter-Lab	59.4338, -1.9435, 18.1459

Details

The CIELCh color **66, 21.434, 86.168** is a light color, and the websafe version is hex **999966**. A complement of this color would be **58, 21.191, 274.942**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 21.351, 86.979**, and **46, 21.588, 85.984** is the 20% darker color. If you saturate the color by 10%, you get **64, 28.610, 84.819**, and if you desaturate by 10%, it is **68, 14.372, 87.489**.

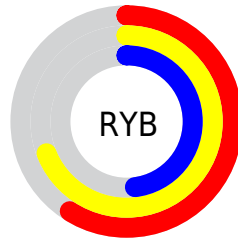
Distribution



Red (69%)

Green (62%)

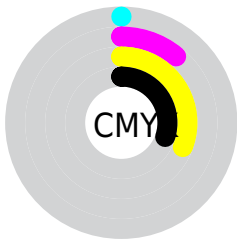
Blue (48%)



Red (59%)

Yellow (69%)

Blue (48%)

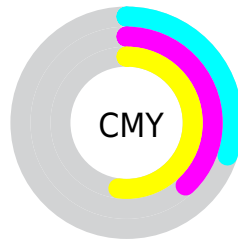


Cyan (0%)

Magenta (11%)

Yellow (31%)

Black (30%)



Cyan (30%)

Magenta (38%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 21.434, 86.168 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, 21.434, 86.168 by changing the saturation by 10% instead.

■ 66, 21.434, 86.168

■ 66, 21.434, 86.168

■ 100, 21.434,
86.168

■ 56, 21.434, 86.168

■ 86, 21.434, 86.168

■ 46, 21.434, 86.168

■ 96, 21.434, 86.168

■ 36, 21.434, 86.168

■ 26, 21.434, 86.168

■ 16, 21.434, 86.168

■ 6, 21.434, 86.168

■ 0, 21.434, 86.168

■ 66, 21.434, 86.168

■ 66, 21.434, 86.168

■ 64, 28.610, 84.819

■ 68, 14.372, 87.489

62, 35.829, 83.421

70, 7.453, 88.754

60, 42.950, 81.968

72, 0.687, 89.688

59, 49.709, 80.423

74, 5.930, 271.248

57, 55.652, 78.711

76, 12.404,
272.368

55, 60.109, 76.686

78, 18.745,
273.450

54, 62.799, 74.599

81, 24.965,
274.483

83, 26.642,
271.626

84, 24.326,
264.123

Harmonies

Complementary

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



66, 21.434, 86.168



58, 21.191, 274.942

Rectangle

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



66, 21.434, 86.168



66, 21.434, 136.168



66, 21.434, 266.168



66, 21.434, 316.168

Sweetspot

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



66, 21.435, 86.174



89, 7.479, 88.984



57, 24.378, 355.905



47, 5.201, 88.810



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



66, 21.435, 86.174



82, 31.727, 85.286



70, 29.765, 113.767



37, 3.837, 88.963



47, 56.350, 74.972



5, 8.325, 80.227

Inverse Universe

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



58, 21.191, 274.942



71, 31.312, 276.288



54, 31.970, 298.890



35, 3.832, 271.389



26, 64.510, 295.352



2, 10.032, 276.093

Previews

White Background



This preview shows how the CIELCh color 66, 21.434, 86.168 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, 21.434, 86.168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

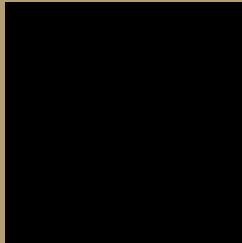
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 21.434, 86.168

Background



This preview shows how black text looks on a background with the CIELCh color 66, 21.434, 86.168.



This preview shows how white text looks on a background with the CIELCh color 66, 21.434, 86.168.

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, 21.434, 86.168

Protanopia

66, 20.861, 95.290

Deuteranopia

66, 22.572, 68.745



Tritanopia
66, 12.729, 352.182

Trichromacy



Original Color
66, 21.434, 86.168

Protanomaly
66, 20.684, 91.610

Deuteranomaly
66, 21.843, 75.484

Tritanomaly
66, 10.521, 38.479

Monochromacy



Original Color
66, 21.434, 86.168

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 7.686, 88.257

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 21.434, 86.168 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(177, 158, 122)` looks like.

```
.text, #text, p{  
    color:rgb(177, 158, 122)  
}
```

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(177, 158, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 158, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 21.434, 86.168 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(177, 158, 122) }
```

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

```
.border{ border-color:rgb(177, 158, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 158, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 158, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 158, 122);  
box-shadow:4px 4px 4px 4px rgb(177, 158,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 21.434, 86.168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 158, 122) }
```

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

```
.background{ background-color: rgb(177,  
158, 122) }
```

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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