

Converting Colors

CIELCh(66, 19.968, 81.421)

Have a look what the booklet for
CIELCh(66, 19.968, 81.421) contains.

CIELCh(66, 19.990, 80.834)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(66, 19.990, 80.834)

Conversions

Conversions Part 1

Format	Color
Hex	B39D7D
RGB	179, 157, 125
RGB Percent	70%, 62%, 49%
CMY	0.2968, 0.3831, 0.5087
CMYK	0.00, 0.12, 0.30, 0.30
HSL	36°, 26%, 60%
HSV	36°, 30%, 70%
XYZ	34.4899, 35.3238, 24.4990
YIQ	159.9300, 23.3840, -5.2880

Conversions

Conversions Part 2

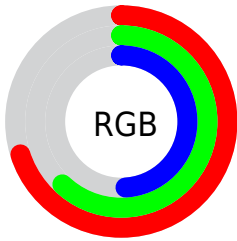
Format	Color
RYB	162, 179, 125
Decimal	11771261
CIELab	66.00, 3.18, 19.73
CIELCh	66, 19.990, 80.834
Yxy	35.3238, 0.3657, 0.3745
Android (android.graphics.Color)	4289961341 (0xFFB39D7D)
YUV	159.9300, -17.2205, 16.7244
Hunter-Lab	59.4338, -0.4244, 17.1640

Details

The CIELCh color **66, 19.990, 80.834** is a light color, and the websafe version is hex **999966**. A complement of this color would be **60, 19.264, 269.470**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 19.679, 80.286**, and **46, 19.860, 81.559** is the 20% darker color. If you saturate the color by 10%, you get **64, 27.025, 79.483**, and if you desaturate by 10%, it is **68, 13.148, 82.161**.

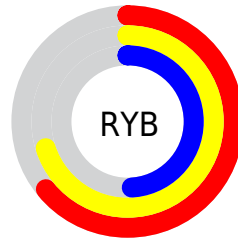
Distribution



Red (70%)

Green (62%)

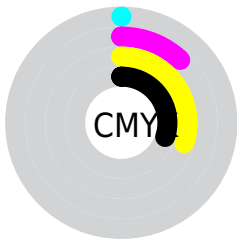
Blue (49%)



Red (64%)

Yellow (70%)

Blue (49%)

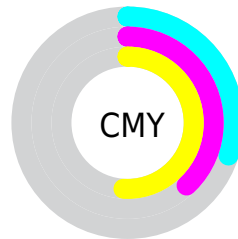


Cyan (0%)

Magenta (12%)

Yellow (30%)

Black (30%)



Cyan (30%)

Magenta (38%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 19.990, 80.834 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, 19.990, 80.834 by changing the saturation by 10% instead.

■ 66, 19.990, 80.834

■ 66, 19.990, 80.834

■ 100, 19.990,
80.834

■ 56, 19.990, 80.834

■ 86, 19.990, 80.834

■ 46, 19.990, 80.834

■ 96, 19.990, 80.834

■ 36, 19.990, 80.834

■ 26, 19.990, 80.834

■ 16, 19.990, 80.834

■ 6, 19.990, 80.834

■ 0, 19.990, 80.834

■ 66, 19.990, 80.834

■ 66, 19.990, 80.834

■ 64, 27.025, 79.483

■ 68, 13.148, 82.161

62, 34.204, 78.087

71, 6.510, 83.431

59, 41.419, 76.637

73, 0.073, 81.000

57, 48.449, 75.092

75, 6.174, 265.976

55, 54.876, 73.360

78, 12.247,
267.113

54, 60.031, 71.263

80, 18.162,
268.216

52, 63.642, 68.792

83, 23.935,
269.271

85, 23.262,
262.166

87, 21.319,
250.882

Harmonies

Complementary

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



66, 19.990, 80.834



60, 19.264, 269.470

Rectangle

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



66, 19.990, 80.834



66, 19.990, 130.834



66, 19.990, 260.834



66, 19.990, 310.834

Sweetspot

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



66, 19.991, 80.841



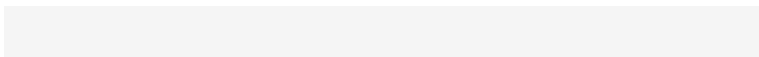
89, 7.123, 83.551



59, 24.653, 351.427



48, 5.001, 83.374



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



66, 19.991, 80.841



82, 29.747, 79.966



72, 29.036, 110.954



37, 3.622, 83.530



45, 56.566, 69.254



5, 7.923, 73.329

Inverse Universe

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



60, 19.264, 269.470



73, 28.425, 270.812



55, 31.185, 296.574



36, 3.591, 266.013



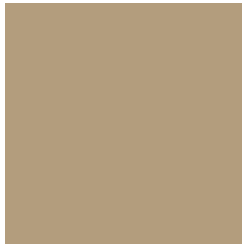
29, 57.986, 291.268



3, 9.531, 272.594

Previews

White Background



This preview shows how the CIELCh color 66, 19.990, 80.834 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, 19.990, 80.834 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

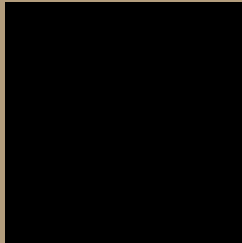
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 19.990, 80.834

Background



This preview shows how black text looks on a background with the CIELCh color 66, 19.990, 80.834.



This preview shows how white text looks on a background with the CIELCh color 66, 19.990, 80.834.

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, 19.990, 80.834

Protanopia

66, 18.729, 94.160

Deuteranopia

66, 21.262, 66.238



Tritanopia
66, 14.015, 352.617

Trichromacy



Original Color
66, 19.990, 80.834

Protanomaly
66, 19.242, 89.303

Deuteranomaly
66, 20.529, 70.606

Tritanomaly
66, 11.386, 31.489

Monochromacy



Original Color
66, 19.990, 80.834

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 7.333, 83.891

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 19.990, 80.834 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(179, 157, 125)` looks like.

```
.text, #text, p{  
    color:rgb(179, 157, 125)  
}
```

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(179, 157, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 157, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 19.990, 80.834 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(179, 157, 125) }
```

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

```
.border{ border-color:rgb(179, 157, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 157, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 157, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 157, 125);  
box-shadow:4px 4px 4px 4px rgb(179, 157,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 19.990, 80.834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 157, 125) }
```

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

```
.background{ background-color: rgb(179,  
157, 125) }
```

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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