

Converting Colors

CIELCh(66, 17.572, 97.364)

Have a look what the booklet for
CIELCh(66, 17.572, 97.364) contains.

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Color

CIELCh(66, 17.900, 97.702)

Conversions

Conversions Part 1

Format	Color
Hex	A9A181
RGB	169, 161, 129
RGB Percent	66%, 63%, 51%
CMY	0.3388, 0.3701, 0.4956
CMYK	0.00, 0.05, 0.24, 0.34
HSL	48°, 19%, 58%
HSV	48°, 24%, 66%
XYZ	32.8952, 35.3238, 25.7250
YIQ	159.7440, 15.0400, -8.2560

Conversions

Conversions Part 2

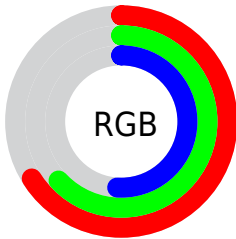
Format	Color
RYB	139, 169, 129
Decimal	11116929
CIELab	66.00, -2.40, 17.74
CIElCh	66, 17.900, 97.702
Yxy	35.3238, 0.3502, 0.3760
Android (android.graphics.Color)	4289307009 (0xFFA9A181)
YUV	159.7440, -15.1568, 8.1175
Hunter-Lab	59.4338, -5.2137, 15.9409

Details

The CIELCh color **66, 17.900, 97.702** is a light color, and the websafe version is hex **999966**. A complement of this color would be **57, 18.374, 283.538**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 18.050, 97.609**, and **46, 17.831, 98.992** is the 20% darker color. If you saturate the color by 10%, you get **65, 25.488, 96.522**, and if you desaturate by 10%, it is **67, 10.317, 98.863**.

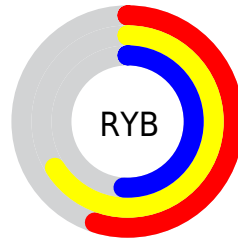
Distribution



Red (66%)

Green (63%)

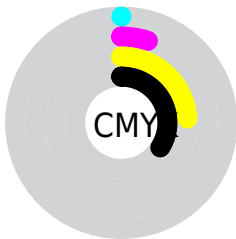
Blue (51%)



Red (55%)

Yellow (66%)

Blue (51%)

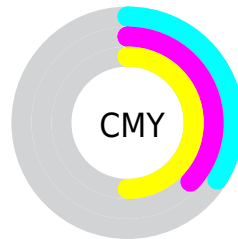


Cyan (0%)

Magenta (5%)

Yellow (24%)

Black (34%)



Cyan (34%)

Magenta (37%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 17.900, 97.702 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, 17.900, 97.702 by changing the saturation by 10% instead.

66, 17.900, 97.702

66, 17.900, 97.702

100, 17.900,
97.702

56, 17.900, 97.702

86, 17.900, 97.702

46, 17.900, 97.702

96, 17.900, 97.702

36, 17.900, 97.702

26, 17.900, 97.702

16, 17.900, 97.702

6, 17.900, 97.702

0, 17.900, 97.702

66, 17.900, 97.702

66, 17.900, 97.702

65, 25.488, 96.522

67, 10.317, 98.863

64, 33.006, 95.315

69, 2.775, 99.954

62, 40.327, 94.092

70, 4.703, 281.122

61, 47.239, 92.856

71, 12.107,
282.150

60, 53.397, 91.601

73, 19.433,
283.145

59, 58.306, 90.303

58, 61.407, 88.910

74, 26.680,
284.096

58, 62.727, 88.003

76, 33.849,
285.000

77, 36.472,
284.292

78, 34.748,
281.884

Harmonies

Complementary

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



66, 17.900, 97.702



57, 18.374, 283.538

Rectangle

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



66, 17.900, 97.702



66, 17.900, 147.702



66, 17.900, 277.702



66, 17.900, 327.702

Sweetspot

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



66, 17.901, 97.708



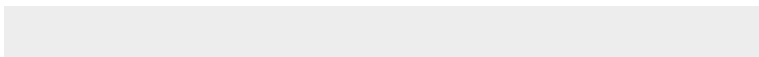
86, 6.501, 99.597



58, 16.746, 5.681



46, 4.219, 99.537



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



66, 17.901, 97.708



83, 26.205, 97.143



67, 22.361, 120.452



35, 4.243, 99.360



51, 57.023, 88.186



5, 7.245, 96.481

Inverse Universe

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



57, 18.374, 283.538



70, 27.065, 284.317



56, 23.403, 303.322



33, 4.291, 281.520



20, 76.798, 301.978



1, 7.980, 282.036

Previews

White Background



This preview shows how the CIELCh color 66, 17.900, 97.702 looks on a white background.

Color Contrast Check

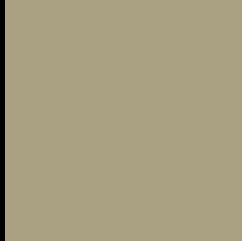
Large Text (above 18pt) WCAG AA × Fail

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, 17.900, 97.702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

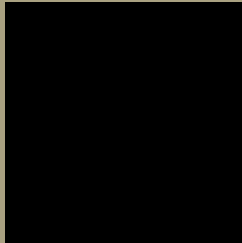
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

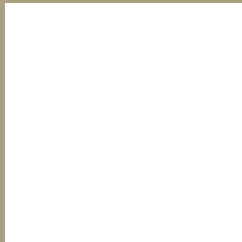
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 17.900, 97.702

Background



This preview shows how black text looks on a background with the CIELCh color 66, 17.900, 97.702.



This preview shows how white text looks on a background with the CIELCh color 66, 17.900, 97.702.

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, 17.900, 97.702

Protanopia

66, 18.094, 95.102

Deuteranopia

66, 18.968, 64.049



Tritanopia
66, 9.853, 337.950

Trichromacy



Original Color
66, 17.900, 97.702

Protanomaly
66, 18.002, 96.389

Deuteranomaly
66, 17.566, 74.074

Tritanomaly
66, 6.280, 40.377

Monochromacy



Original Color
66, 17.900, 97.702

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 6.666, 102.702

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 17.900, 97.702 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(169, 161, 129)` looks like.

```
.text, #text, p{  
    color:rgb(169, 161, 129)  
}
```

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(169, 161, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 161, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 17.900, 97.702 is called "border". The border property can be set on classes, ids or directly on the HTML element.

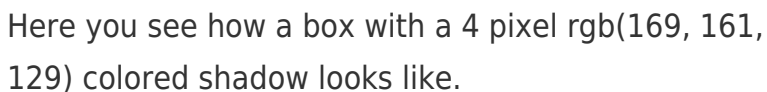
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(169, 161, 129) }
```

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

```
.border{ border-color:rgb(169, 161, 129) }
```

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



Here you see how a box with a 4 pixel `rgb(169, 161, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 161, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 161, 129); box-shadow:4px 4px 4px 4px rgb(169, 161, 129) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 17.900, 97.702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 161, 129) }
```

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

```
.background{ background-color: rgb(169,  
161, 129) }
```

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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