

Converting Colors

CIELCh(66, 20.059, 96.208)

Have a look what the booklet for
CIELCh(66, 20.059, 96.208) contains.

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Color

CIELCh(66, 19.699, 95.945)

Conversions

Conversions Part 1

Format	Color
Hex	AAA07D
RGB	170, 160, 125
RGB Percent	67%, 63%, 49%
CMY	0.3320, 0.3713, 0.5086
CMYK	0.00, 0.06, 0.26, 0.33
HSL	47°, 21%, 58%
HSV	47°, 26%, 67%
XYZ	32.9961, 35.3238, 24.5847
YIQ	159.0000, 17.1950, -8.7650

Conversions

Conversions Part 2

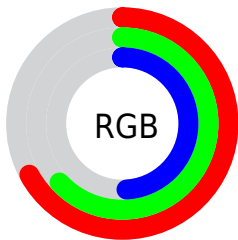
Format	Color
RYB	138, 170, 125
Decimal	11182205
CIELab	66.00, -2.04, 19.59
CIElCh	66, 19.699, 95.945
Yxy	35.3238, 0.3552, 0.3802
Android (android.graphics.Color)	4289372285 (0xFFAAA07D)
YUV	159.0000, -16.7620, 9.6470
Hunter-Lab	59.4338, -4.9106, 17.0785

Details

The CIELCh color **66, 19.699, 95.945** is a light color, and the websafe version is hex **999966**. A complement of this color would be **57, 20.190, 282.659**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 19.755, 96.068**, and **46, 19.735, 96.799** is the 20% darker color. If you saturate the color by 10%, you get **65, 27.209, 94.730**, and if you desaturate by 10%, it is **67, 12.198, 97.140**.

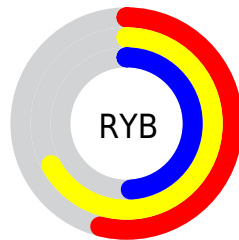
Distribution



Red (67%)

Green (63%)

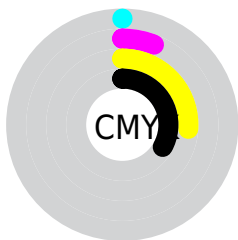
Blue (49%)



Red (54%)

Yellow (67%)

Blue (49%)

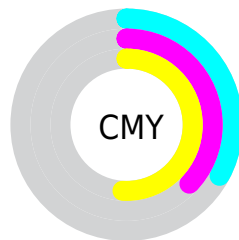


Cyan (0%)

Magenta (6%)

Yellow (26%)

Black (33%)



Cyan (33%)

Magenta (37%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 19.699, 95.945 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, 19.699, 95.945 by changing the saturation by 10% instead.

■ 66, 19.699, 95.945

■ 66, 19.699, 95.945

■ 100, 19.699,
95.945

■ 56, 19.699, 95.945

■ 86, 19.699, 95.945

■ 46, 19.699, 95.945

■ 96, 19.699, 95.945

■ 36, 19.699, 95.945

■ 26, 19.699, 95.945

■ 16, 19.699, 95.945

■ 6, 19.699, 95.945

■ 0, 19.699, 95.945

■ 66, 19.699, 95.945

■ 66, 19.699, 95.945

■ 65, 27.209, 94.730

■ 67, 12.198, 97.140

63, 34.646, 93.484

69, 4.746, 98.280

62, 41.870, 92.217

70, 2.634, 279.489

61, 48.640, 90.924

72, 9.931, 280.524

60, 54.572, 89.590

73, 17.142,
281.547

59, 59.124, 88.171

75, 24.268,
282.526

58, 61.807, 86.602

76, 31.311,
283.458

57, 62.602, 86.037

78, 34.846,
282.960

79, 32.958,
280.046

Harmonies

Complementary

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



66, 19.699, 95.945



57, 20.190, 282.659

Rectangle

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



66, 19.699, 95.945



66, 19.699, 145.945



66, 19.699, 275.945



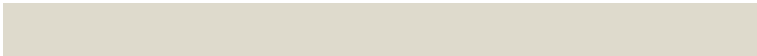
66, 19.699, 325.945

Sweetspot

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



66, 19.700, 95.951



87, 7.330, 98.091



57, 19.108, 3.550



46, 5.256, 97.925



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



66, 19.700, 95.951



83, 29.618, 95.204



68, 24.968, 118.951



35, 4.145, 97.964



50, 56.488, 86.261



5, 7.043, 94.620

Inverse Universe

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



57, 20.190, 282.659



69, 30.574, 283.730



55, 26.339, 302.384



33, 4.185, 280.165



21, 74.824, 301.174



1, 7.816, 280.925

Previews

White Background



This preview shows how the CIELCh color 66, 19.699, 95.945 looks on a white background.

Color Contrast Check

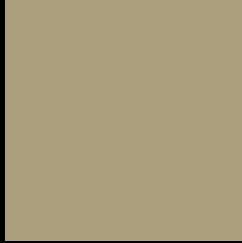
Large Text (above 18pt) WCAG AA × Fail

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, 19.699, 95.945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

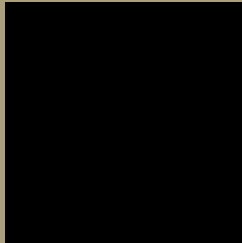
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

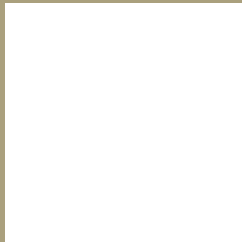
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 19.699, 95.945

Background



This preview shows how black text looks on a background with the CIELCh color 66, 19.699, 95.945.



This preview shows how white text looks on a background with the CIELCh color 66, 19.699, 95.945.

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, 19.699, 95.945

Protanopia

66, 19.795, 94.762

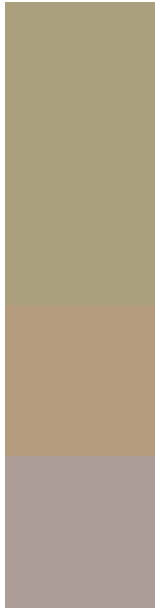
Deuteranopia

66, 20.535, 66.166



Tritanopia
66, 10.137, 339.458

Trichromacy



Original Color
66, 19.699, 95.945

Protanomaly
66, 19.795, 94.762

Deuteranomaly
66, 19.698, 76.294

Tritanomaly
66, 6.872, 43.482

Monochromacy



Original Color
66, 19.699, 95.945

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 6.806, 96.075

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 19.699, 95.945 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(170, 160, 125)` looks like.

```
.text, #text, p{  
    color:rgb(170, 160, 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(170, 160, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 160, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 19.699, 95.945 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(170, 160, 125) }
```

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

```
.border{ border-color:rgb(170, 160, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 160, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 160, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 160, 125);  
box-shadow:4px 4px 4px 4px rgb(170, 160,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 19.699, 95.945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 160, 125) }
```

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

```
.background{ background-color: rgb(170,  
160, 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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