

Converting Colors

CIELCh(66, 32.519, 95.501)

Have a look what the booklet for
CIELCh(66, 32.519, 95.501) contains.

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Color

CIELCh(66, 32.322, 95.176)

Conversions

Conversions Part 1

Format	Color
Hex	AFA066
RGB	175, 160, 102
RGB Percent	69%, 63%, 40%
CMY	0.3128, 0.3717, 0.5992
CMYK	0.00, 0.09, 0.42, 0.31
HSL	48°, 31%, 54%
HSV	48°, 42%, 69%
XYZ	32.7501, 35.3238, 17.7177
YIQ	157.8730, 27.5580, -14.8580

Conversions

Conversions Part 2

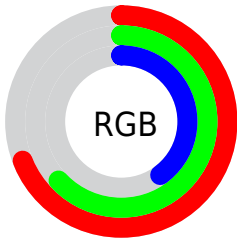
Format	Color
RYB	121, 175, 102
Decimal	11509862
CIELab	66.00, -2.92, 32.19
CIElCh	66, 32.322, 95.176
Yxy	35.3238, 0.3817, 0.4117
Android (android.graphics.Color)	4289699942 (0xFFAFA066)
YUV	157.8730, -27.5454, 15.0204
Hunter-Lab	59.4338, -5.6495, 23.9288

Details

The CIELCh color **66, 32.322, 95.176** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **50, 34.022, 286.487**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 32.405, 95.272**, and **46, 32.232, 95.446** is the 20% darker color. If you saturate the color by 10%, you get **65, 39.907, 93.947**, and if you desaturate by 10%, it is **67, 24.575, 96.395**.

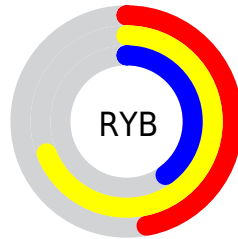
Distribution



Red (69%)

Green (63%)

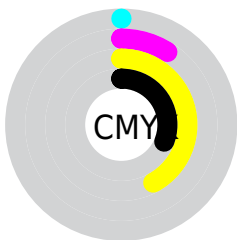
Blue (40%)



Red (47%)

Yellow (69%)

Blue (40%)

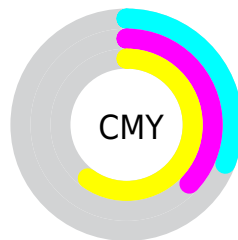


Cyan (0%)

Magenta (9%)

Yellow (42%)

Black (31%)



Cyan (31%)

Magenta (37%)

Yellow (60%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 32.322, 95.176 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, 32.322, 95.176 by changing the saturation by 10% instead.

 66, 32.322, 95.176

 66, 32.322, 95.176

 100, 32.322,
95.176

 56, 32.322, 95.176

 86, 32.322, 95.176

 46, 32.322, 95.176

 96, 32.322, 95.176

 36, 32.322, 95.176

 26, 32.322, 95.176

 16, 32.322, 95.176

 6, 32.322, 95.176

 0, 32.322, 95.176

 66, 32.322, 95.176

 66, 32.322, 95.176

 65, 39.907, 93.947

 67, 24.575, 96.395

64, 47.127, 92.698

69, 16.778, 97.586

63, 53.657, 91.429

70, 9.000, 98.742

61, 59.010, 90.116

71, 1.275, 99.773

60, 62.596, 88.710

73, 6.379, 280.998

60, 64.362, 87.463

74, 13.952,
282.029

76, 21.442,
283.022

77, 28.850,
283.970

79, 33.602,
283.882

Harmonies

Complementary

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



66, 32.322, 95.176



50, 34.022, 286.487

Rectangle

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



66, 32.322, 95.176



66, 32.322, 145.176



66, 32.322, 275.176



66, 32.322, 325.176

Sweetspot

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



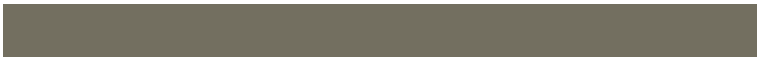
66, 32.323, 95.180



88, 12.381, 98.566



52, 31.510, 7.157



47, 8.742, 98.316



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, 32.323, 95.180



82, 47.682, 94.047



68, 39.940, 118.744



36, 4.323, 99.009



52, 57.589, 87.678



6, 8.434, 95.207

Inverse Universe

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



50, 34.022, 286.487



59, 51.136, 288.528



48, 43.659, 304.269



34, 4.371, 281.189



21, 77.371, 301.823



1, 9.518, 282.282

Previews

White Background



This preview shows how the CIELCh color 66, 32.322, 95.176 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, 32.322, 95.176 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, 32.322, 95.176

Background



This preview shows how black text looks on a background with the CIELCh color 66, 32.322, 95.176.



This preview shows how white text looks on a background with the CIELCh color 66, 32.322, 95.176.

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, 32.322, 95.176

Protanopia

66, 32.322, 95.176

Deuteranopia

66, 32.531, 74.664



Tritanopia
66, 12.729, 352.182

Trichromacy



Original Color
66, 32.322, 95.176

Protanomaly
66, 32.322, 95.176

Deuteranomaly
66, 32.285, 82.234

Tritanomaly
66, 12.466, 58.124

Monochromacy



Original Color
66, 32.322, 95.176

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 11.762, 99.083

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 32.322, 95.176 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(175, 160, 102)` looks like.

```
.text, #text, p{  
    color:rgb(175, 160, 102)  
}
```

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(175, 160, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 160, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 32.322, 95.176 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(175, 160, 102) }
```

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

```
.border{ border-color:rgb(175, 160, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 160, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 160, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 160, 102);  
box-shadow:4px 4px 4px 4px rgb(175, 160,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 32.322, 95.176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 160, 102) }
```

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

```
.background{ background-color: rgb(175,  
160, 102) }
```

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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