

Converting Colors

CIELCh(66, 35.572, 75.770)

Have a look what the booklet for
CIELCh(66, 35.572, 75.770) contains.

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Color

CIELCh(66, 35.398, 75.368)

Conversions

Conversions Part 1

Format	Color
Hex	C39963
RGB	195, 153, 99
RGB Percent	76%, 60%, 39%
CMY	0.2350, 0.3997, 0.6115
CMYK	0.00, 0.22, 0.49, 0.23
HSL	34°, 44%, 58%
HSV	34°, 49%, 77%
XYZ	36.1874, 35.3238, 16.7338
YIQ	159.4020, 42.3660, -7.8900

Conversions

Conversions Part 2

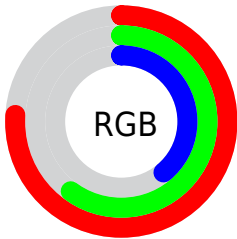
Format	Color
RYB	174, 195, 99
Decimal	12818787
CIELab	66.00, 8.94, 34.25
CIELCh	66, 35.398, 75.368
Yxy	35.3238, 0.4101, 0.4003
Android (android.graphics.Color)	4291008867 (0xFFC39963)
YUV	159.4020, -29.7782, 31.2194
Hunter-Lab	59.4338, 4.6739, 24.9104

Details

The CIELCh color **66, 35.398, 75.368** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **58, 32.503, 271.132**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 35.083, 75.214**, and **46, 35.289, 75.163** is the 20% darker color. If you saturate the color by 10%, you get **64, 43.157, 73.947**, and if you desaturate by 10%, it is **68, 27.749, 76.751**.

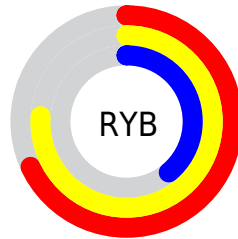
Distribution



Red (76%)

Green (60%)

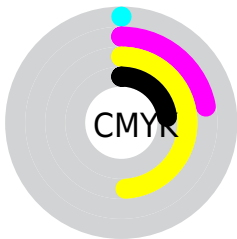
Blue (39%)



Red (68%)

Yellow (76%)

Blue (39%)

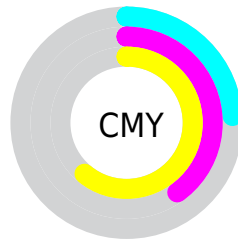


Cyan (0%)

Magenta (22%)

Yellow (49%)

Black (23%)



Cyan (24%)

Magenta (40%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 35.398, 75.368 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, 35.398, 75.368 by changing the saturation by 10% instead.

■ 66, 35.398, 75.368

■ 66, 35.398, 75.368

■ 100, 35.398,
75.368

■ 56, 35.398, 75.368

■ 86, 35.398, 75.368

■ 46, 35.398, 75.368

■ 96, 35.398, 75.368

■ 36, 35.398, 75.368

■ 26, 35.398, 75.368

■ 16, 35.398, 75.368

■ 6, 35.398, 75.368

■ 0, 35.398, 75.368

■ 66, 35.398, 75.368

■ 66, 35.398, 75.368

■ 64, 43.157, 73.947

■ 68, 27.749, 76.751

61, 50.811, 72.431

71, 20.309, 78.096

59, 57.939, 70.728

74, 13.115, 79.407

57, 63.824, 68.643

76, 6.174, 80.669

55, 67.927, 66.028

79, 0.526, 262.565

55, 68.250, 65.833

82, 7.003, 263.225

85, 13.276,
264.368

87, 19.302,
265.366

90, 17.003,
249.388

Harmonies

Complementary

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



66, 35.398, 75.368



58, 32.503, 271.132

Rectangle

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



66, 35.398, 75.368



66, 35.398, 125.368



66, 35.398, 255.368



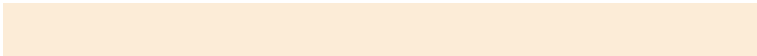
66, 35.398, 305.368

Sweetspot

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



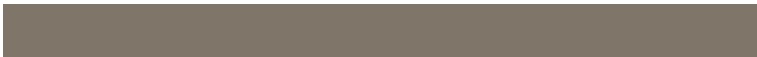
66, 35.398, 75.373



94, 12.531, 79.918



55, 43.728, 352.025



50, 8.653, 79.643



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



66, 35.398, 75.373



80, 53.052, 73.845



77, 49.625, 107.881



40, 3.779, 80.650



46, 59.005, 66.391



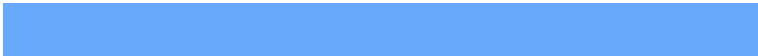
7, 11.681, 65.610

Inverse Universe

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



58, 32.503, 271.132



68, 48.010, 274.296



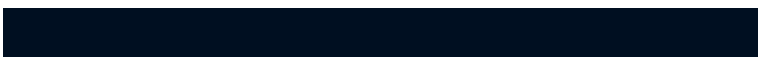
47, 56.726, 298.543



39, 3.732, 263.165



32, 57.106, 289.140



4, 13.686, 274.087

Previews

White Background



This preview shows how the CIELCh color 66, 35.398, 75.368 looks on a white background.

Color Contrast Check

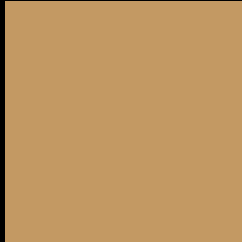
Large Text (above 18pt) WCAG AA × Fail

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, 35.398, 75.368 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, 35.398, 75.368

Background



This preview shows how black text looks on a background with the CIELCh color 66, 35.398, 75.368.



This preview shows how white text looks on a background with the CIELCh color 66, 35.398, 75.368.

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, 35.398, 75.368

Protanopia

66, 32.718, 96.061

Deuteranopia

66, 35.147, 75.966



Tritanopia
66, 22.111, 5.876

Trichromacy



Original Color
66, 35.398, 75.368

Protanomaly
66, 32.989, 88.304

Deuteranomaly
66, 35.147, 75.966

Tritanomaly
66, 21.724, 40.207

Monochromacy



Original Color
66, 35.398, 75.368

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 12.642, 80.143

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 35.398, 75.368 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(195, 153, 99)` looks like.

```
.text, #text, p{  
    color:rgb(195, 153, 99)  
}
```

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(195, 153, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 153, 99) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 35.398, 75.368 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(195, 153, 99) }
```

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

```
.border{ border-color:rgb(195, 153, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 153, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 153, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 153, 99);  
box-shadow:4px 4px 4px 4px rgb(195, 153,  
99) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 35.398, 75.368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 153, 99) }
```

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

```
.background{ background-color: rgb(195,  
153, 99) }
```

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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