

Converting Colors

CIELCh(66, 34.980, 73.440)

Have a look what the booklet for
CIELCh(66, 34.980, 73.440) contains.

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Color

CIELCh(66, 35.028, 73.408)

Conversions

Conversions Part 1

Format	Color
Hex	C49864
RGB	196, 152, 100
RGB Percent	77%, 60%, 39%
CMY	0.2295, 0.4022, 0.6062
CMYK	0.00, 0.22, 0.49, 0.23
HSL	32°, 45%, 58%
HSV	32°, 49%, 77%
XYZ	36.5061, 35.3238, 17.0547
YIQ	159.2280, 42.9160, -6.8440

Conversions

Conversions Part 2

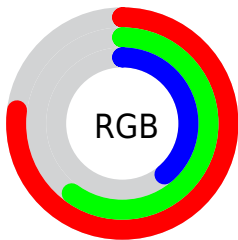
Format	Color
RYB	181, 196, 100
Decimal	12884068
CIELab	66.00, 10.00, 33.57
CIELCh	66, 35.028, 73.408
Yxy	35.3238, 0.4107, 0.3974
Android (android.graphics.Color)	4291074148 (0xFFC49864)
YUV	159.2280, -29.1994, 32.2490
Hunter-Lab	59.4338, 5.6308, 24.5902

Details

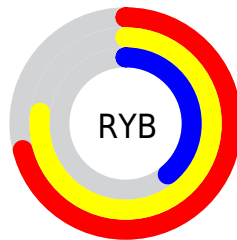
The CIELCh color **66, 35.028, 73.408** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **59, 31.595, 268.978**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 34.711, 73.311**, and **46, 34.958, 73.117** is the 20% darker color. If you saturate the color by 10%, you get **63, 42.860, 72.021**, and if you desaturate by 10%, it is **69, 27.353, 74.763**.

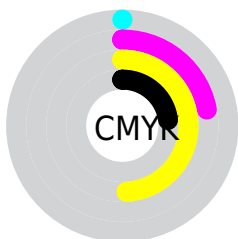
Distribution



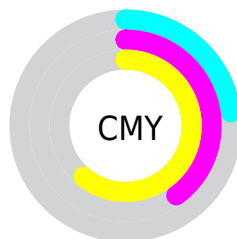
- Red (77%)
- Green (60%)
- Blue (39%)



- Red (71%)
- Yellow (77%)
- Blue (39%)



- Cyan (0%)
- Magenta (22%)
- Yellow (49%)
- Black (23%)



- Cyan (23%)
- Magenta (40%)
- Yellow (61%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 35.028, 73.408 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, 35.028, 73.408 by changing the saturation by 10% instead.

 66, 35.028, 73.408

 66, 35.028, 73.408

 100, 35.028,
73.408

 56, 35.028, 73.408

 86, 35.028, 73.408

 46, 35.028, 73.408

 96, 35.028, 73.408

 36, 35.028, 73.408

 26, 35.028, 73.408

 16, 35.028, 73.408

 6, 35.028, 73.408

 0, 35.028, 73.408

 66, 35.028, 73.408

 66, 35.028, 73.408

 63, 42.860, 72.021

 69, 27.353, 74.763

61, 50.648, 70.546

71, 19.923, 76.086

59, 57.987, 68.886

74, 12.769, 77.380

57, 64.165, 66.842

77, 5.890, 78.625

54, 68.556, 64.231

80, 0.728, 260.377

54, 69.039, 63.958

83, 7.108, 261.173

85, 13.272,
262.312

88, 18.094,
261.163

91, 16.180,
242.683

Harmonies

Complementary

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



66, 35.028, 73.408



59, 31.595, 268.978

Rectangle

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



66, 35.028, 73.408



66, 35.028, 123.408



66, 35.028, 253.408



66, 35.028, 303.408

Sweetspot

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



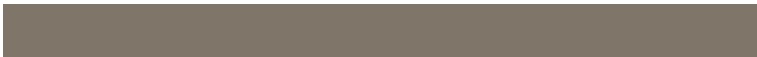
66, 35.028, 73.413



95, 12.437, 77.843



55, 44.057, 350.905



50, 8.521, 77.573



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, 35.028, 73.413



80, 53.133, 71.875



77, 49.586, 107.125



41, 3.798, 78.565



45, 60.046, 64.498



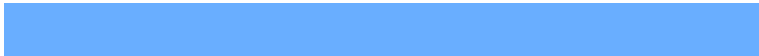
8, 13.026, 62.666

Inverse Universe

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



59, 31.595, 268.978



70, 46.953, 272.262



47, 56.654, 298.057



40, 3.739, 261.080



33, 55.593, 287.457



5, 14.694, 273.628

Previews

White Background



This preview shows how the CIELCh color 66, 35.028, 73.408 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, 35.028, 73.408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

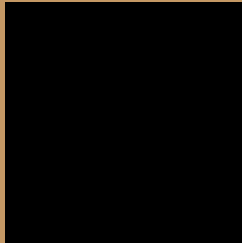
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 35.028, 73.408

Background



This preview shows how black text looks on a background with the CIELCh color 66, 35.028, 73.408.



This preview shows how white text looks on a background with the CIELCh color 66, 35.028, 73.408.

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, 35.028, 73.408

Protanopia

66, 31.677, 95.853

Deuteranopia

66, 34.674, 75.605



Tritanopia
66, 23.396, 5.535

Trichromacy



Original Color
66, 35.028, 73.408

Protanomaly
66, 32.130, 87.133

Deuteranomaly
66, 34.927, 75.002

Tritanomaly
66, 22.748, 38.017

Monochromacy



Original Color
66, 35.028, 73.408

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 12.368, 77.357

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 35.028, 73.408 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(196, 152, 100)` looks like.

```
.text, #text, p{  
    color:rgb(196, 152, 100)  
}
```

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(196, 152, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 152, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 35.028, 73.408 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(196, 152, 100) }
```

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

```
.border{ border-color:rgb(196, 152, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 152, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 152, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 152, 100);  
box-shadow:4px 4px 4px 4px rgb(196, 152,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 35.028, 73.408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 152, 100) }
```

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

```
.background{ background-color: rgb(196,  
152, 100) }
```

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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