

Converting Colors

CIELCh(66, 43.925, 79.027)

Have a look what the booklet for
CIELCh(66, 43.925, 79.027) contains.

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Color

CIELCh(66, 43.878, 79.068)

Conversions

Conversions Part 1

Format	Color
Hex	C59952
RGB	197, 153, 82
RGB Percent	77%, 60%, 32%
CMY	0.2269, 0.3995, 0.6780
CMYK	0.00, 0.22, 0.58, 0.23
HSL	37°, 50%, 55%
HSV	37°, 58%, 77%
XYZ	36.0018, 35.3238, 12.9270
YIQ	158.0620, 49.0150, -12.7530

Conversions

Conversions Part 2

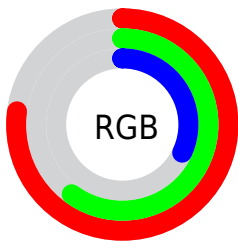
Format	Color
RYB	153, 197, 82
Decimal	12949842
CIELab	66.00, 8.32, 43.08
CIElCh	66, 43.878, 79.068
Yxy	35.3238, 0.4273, 0.4193
Android (android.graphics.Color)	4291139922 (0xFFC59952)
YUV	158.0620, -37.4986, 34.1486
Hunter-Lab	59.4338, 4.1164, 28.7080

Details

The CIELCh color **66, 43.878, 79.068** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **53, 42.059, 278.693**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 43.736, 79.528**, and **46, 43.715, 78.934** is the 20% darker color. If you saturate the color by 10%, you get **64, 51.450, 77.526**, and if you desaturate by 10%, it is **68, 36.084, 80.530**.

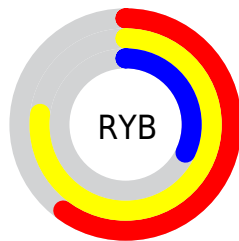
Distribution



Red (77%)

Green (60%)

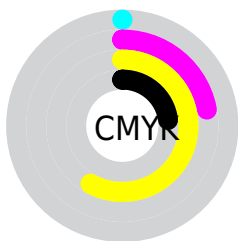
Blue (32%)



Red (60%)

Yellow (77%)

Blue (32%)

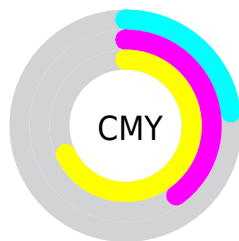


Cyan (0%)

Magenta (22%)

Yellow (58%)

Black (23%)



Cyan (23%)

Magenta (40%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 43.878, 79.068 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, 43.878, 79.068 by changing the saturation by 10% instead.

66, 43.878, 79.068

66, 43.878, 79.068

100, 43.878,
79.068

56, 43.878, 79.068

86, 43.878, 79.068

46, 43.878, 79.068

96, 43.878, 79.068

36, 43.878, 79.068

26, 43.878, 79.068

16, 43.878, 79.068

6, 43.878, 79.068

0, 43.878, 79.068

66, 43.878, 79.068

66, 43.878, 79.068

64, 51.450, 77.526

68, 36.084, 80.530

62, 58.368, 75.814

70, 28.303, 81.936

60, 63.930, 73.782

73, 20.651, 83.301

58, 67.525, 71.262

75, 13.181, 84.625

58, 68.084, 70.850

78, 5.908, 85.891

80, 1.167, 267.420

82, 8.056, 268.420

85, 14.771,
269.555

87, 19.172,
267.691

Harmonies

Complementary

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



66, 43.878, 79.068



53, 42.059, 278.693

Rectangle

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



66, 43.878, 79.068



66, 43.878, 129.068



66, 43.878, 259.068



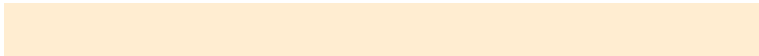
66, 43.878, 309.068

Sweetspot

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



66, 43.878, 79.072



95, 15.937, 84.634



51, 50.240, 358.338



50, 11.121, 84.247



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, 43.878, 79.072



80, 64.847, 77.081



77, 58.482, 110.389



41, 4.051, 85.763



48, 59.150, 71.339



9, 13.463, 72.604

Inverse Universe

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



53, 42.059, 278.693



61, 62.709, 282.860



42, 68.850, 301.749



39, 4.028, 268.263



30, 63.891, 293.221



4, 15.905, 278.465

Previews

White Background



This preview shows how the CIELCh color 66, 43.878, 79.068 looks on a white background.

Color Contrast Check

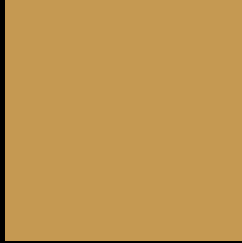
Large Text (above 18pt) WCAG AA × Fail

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, 43.878, 79.068 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, 43.878, 79.068

Background



This preview shows how black text looks on a background with the CIELCh color 66, 43.878, 79.068.

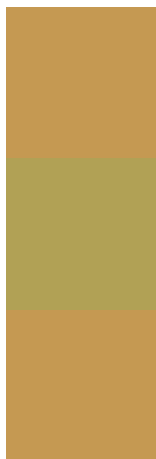


This preview shows how white text looks on a background with the CIELCh color 66, 43.878, 79.068.

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, 43.878, 79.068

Protanopia

66, 41.534, 95.964

Deuteranopia

66, 43.878, 79.068



Tritanopia
66, 23.693, 7.157

Trichromacy



Original Color
66, 43.878, 79.068

Protanomaly
66, 41.777, 89.722

Deuteranomaly
66, 43.878, 79.068

Tritanomaly
66, 24.960, 45.732

Monochromacy



Original Color
66, 43.878, 79.068

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 15.852, 84.005

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 43.878, 79.068 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(197, 153, 82)` looks like.

```
.text, #text, p{  
    color:rgb(197, 153, 82)  
}
```

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(197, 153, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 153, 82) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 43.878, 79.068 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(197, 153, 82) }
```

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

```
.border{ border-color:rgb(197, 153, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 153, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 153, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 153, 82);  
box-shadow:4px 4px 4px 4px rgb(197, 153,  
82) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 43.878, 79.068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 153, 82) }
```

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

```
.background{ background-color: rgb(197,  
153, 82) }
```

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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