

Converting Colors

CIELCh(66, 34.274, 95.356)

Have a look what the booklet for
CIELCh(66, 34.274, 95.356) contains.

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Color

CIELCh(66, 33.972, 94.771)

Conversions

Conversions Part 1

Format	Color
Hex	B0A063
RGB	176, 160, 99
RGB Percent	69%, 63%, 39%
CMY	0.3094, 0.3721, 0.6114
CMYK	0.00, 0.09, 0.44, 0.31
HSL	48°, 33%, 54%
HSV	48°, 44%, 69%
XYZ	32.7754, 35.3238, 16.9199
YIQ	157.8300, 29.1170, -15.5790

Conversions

Conversions Part 2

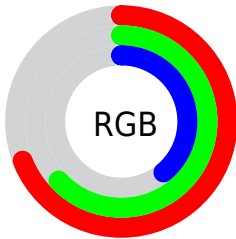
Format	Color
RYB	119, 176, 99
Decimal	11575395
CIELab	66.00, -2.83, 33.85
CIElCh	66, 33.972, 94.771
Yxy	35.3238, 0.3855, 0.4155
Android (android.graphics.Color)	4289765475 (0xFFB0A063)
YUV	157.8300, -29.0032, 15.9351
Hunter-Lab	59.4338, -5.5735, 24.7247

Details

The CIELCh color **66, 33.972, 94.771** is a light color, and the websafe version is hex **999966**. A complement of this color would be **50, 35.863, 286.797**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 33.995, 94.971**, and **46, 33.892, 94.854** is the 20% darker color. If you saturate the color by 10%, you get **65, 41.524, 93.534**, and if you desaturate by 10%, it is **67, 26.227, 95.998**.

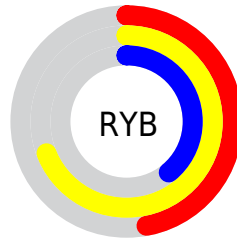
Distribution



Red (69%)

Green (63%)

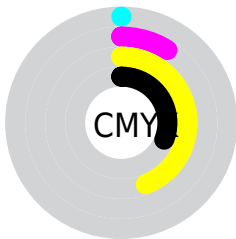
Blue (39%)



Red (47%)

Yellow (69%)

Blue (39%)

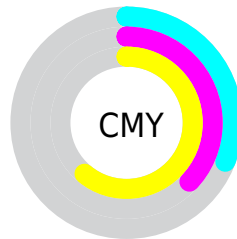


Cyan (0%)

Magenta (9%)

Yellow (44%)

Black (31%)



Cyan (31%)

Magenta (37%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 33.972, 94.771 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, 33.972, 94.771 by changing the saturation by 10% instead.

■ 66, 33.972, 94.771

■ 66, 33.972, 94.771

■ 100, 33.972,
94.771

■ 56, 33.972, 94.771

■ 86, 33.972, 94.771

■ 46, 33.972, 94.771

■ 96, 33.972, 94.771

■ 36, 33.972, 94.771

■ 26, 33.972, 94.771

■ 16, 33.972, 94.771

■ 6, 33.972, 94.771

■ 0, 33.972, 94.771

■ 66, 33.972, 94.771

■ 66, 33.972, 94.771

■ 65, 41.524, 93.534

■ 67, 26.227, 95.998

64, 48.657, 92.277

69, 18.417, 97.197

62, 55.013, 90.994

70, 10.616, 98.365

61, 60.070, 89.657

71, 2.864, 99.466

60, 63.242, 88.208

73, 4.817, 280.647

60, 64.535, 87.257

74, 12.418,
281.684

76, 19.935,
282.688

77, 27.368,
283.647

79, 33.360,
284.027

Harmonies

Complementary

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



66, 33.972, 94.771



50, 35.863, 286.797

Rectangle

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



66, 33.972, 94.771



66, 33.972, 144.771



66, 33.972, 274.771



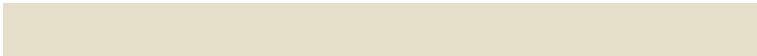
66, 33.972, 324.771

Sweetspot

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



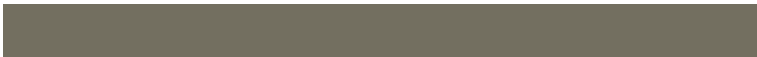
66, 33.973, 94.775



89, 12.465, 98.422



51, 33.285, 7.538



47, 8.722, 98.173



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, 33.973, 94.775



83, 49.875, 93.637



69, 41.987, 118.633



37, 4.418, 98.864



52, 58.237, 87.456



7, 9.763, 94.280

Inverse Universe

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



50, 35.863, 286.797



58, 53.691, 288.899



47, 46.146, 304.461



35, 4.466, 281.057



21, 78.226, 301.783



2, 11.257, 282.680

Previews

White Background



This preview shows how the CIELCh color 66, 33.972, 94.771 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, 33.972, 94.771 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, 33.972, 94.771

Background



This preview shows how black text looks on a background with the CIELCh color 66, 33.972, 94.771.



This preview shows how white text looks on a background with the CIELCh color 66, 33.972, 94.771.

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, 33.972, 94.771

Protanopia

66, 33.877, 95.494

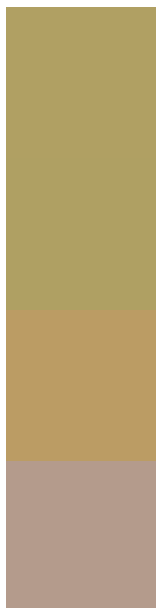
Deuteranopia

66, 34.201, 75.231



Tritanopia
66, 13.673, 351.792

Trichromacy



Original Color
66, 33.972, 94.771

Protanomaly
66, 33.877, 95.494

Deuteranomaly
66, 33.773, 83.107

Tritanomaly
66, 13.178, 58.787

Monochromacy



Original Color
66, 33.972, 94.771

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 12.378, 97.590

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 33.972, 94.771 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(176, 160, 99)` looks like.

```
.text, #text, p{  
    color:rgb(176, 160, 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(176, 160, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 160, 99) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 33.972, 94.771 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(176, 160, 99) }
```

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

```
.border{ border-color:rgb(176, 160, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 160, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 160, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 160, 99);  
box-shadow:4px 4px 4px 4px rgb(176, 160,  
99) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 33.972, 94.771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 160, 99) }
```

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

```
.background{ background-color: rgb(176,  
160, 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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