

Converting Colors

CIELCh(66, 35.640, 116.714)

Have a look what the booklet for
CIELCh(66, 35.640, 116.714)
contains.

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Color

CIELCh(66, 35.672, 116.701)

Conversions

Conversions Part 1

Format	Color
Hex	98A766
RGB	152, 167, 102
RGB Percent	60%, 65%, 40%
CMY	0.4035, 0.3447, 0.5996
CMYK	0.09, 0.00, 0.39, 0.34
HSL	74°, 27%, 53%
HSV	74°, 39%, 66%
XYZ	29.2105, 35.3238, 17.8750
YIQ	155.1050, 11.9250, -23.3950

Conversions

Conversions Part 2

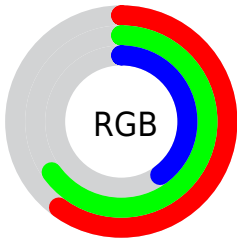
Format	Color
RYB	102, 167, 117
Decimal	10004326
CIELab	66.00, -16.03, 31.87
CIElCh	66, 35.672, 116.701
Yxy	35.3238, 0.3545, 0.4286
Android (android.graphics.Color)	4288194406 (0xFF98A766)
YUV	155.1050, -26.1808, -2.7231
Hunter-Lab	59.4338, -16.2801, 23.7719

Details

The CIELCh color **66, 35.672, 116.701** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **47, 38.907, 302.336**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 35.560, 116.755**, and **46, 35.853, 116.449** is the 20% darker color. If you saturate the color by 10%, you get **65, 44.303, 116.128**, and if you desaturate by 10%, it is **67, 26.706, 117.330**.

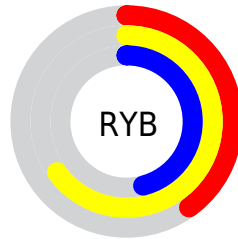
Distribution



Red (60%)

Green (65%)

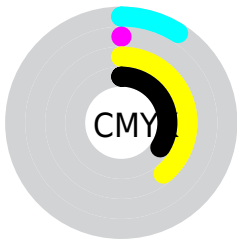
Blue (40%)



Red (40%)

Yellow (65%)

Blue (46%)

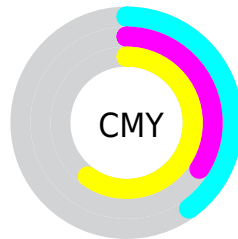


Cyan (9%)

Magenta (0%)

Yellow (39%)

Black (34%)



Cyan (40%)


Magenta (34%)


Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 35.672, 116.701 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, 35.672, 116.701 by changing the saturation by 10% instead.


 66, 35.672,
116.701


 66, 35.672,
116.701


 100, 35.672,
116.701


 56, 35.672,
116.701


 86, 35.672,
116.701

 46, 35.672,
116.701

 96, 35.672,
116.701

 36, 35.672,
116.701

 26, 35.672,
116.701

 16, 35.672,
116.701

 6, 35.672, 116.701

 0, 35.672, 116.701

66, 35.672,
116.701

66, 35.672,
116.701

65, 44.303,
116.128

67, 26.706,
117.330

65, 52.385,
115.651

67, 17.542,
117.976

65, 59.621,
115.340

68, 8.275, 118.620

64, 65.620,
115.281

69, 1.031, 299.225

64, 69.980,
115.569

69, 10.332,
299.843

64, 72.721,
116.206

70, 19.596,
300.414

64, 73.002,
116.277

71, 28.799,
300.951

72, 37.925,
301.453

■ 73, 46.961,
301.920

Harmonies

Complementary

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



66, 35.672, 116.701



47, 38.907, 302.336

Rectangle

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



66, 35.672, 116.701



66, 35.672, 166.701



66, 35.672, 296.701



66, 35.672, 346.701

Sweetspot

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



66, 35.673, 116.703



86, 13.782, 118.407



54, 24.116, 40.987



46, 9.213, 118.328



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



66, 35.673, 116.703



83, 52.697, 116.185



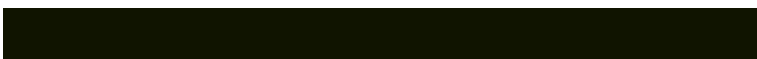
64, 40.165, 134.336



35, 5.291, 118.595



57, 66.700, 116.156



6, 9.780, 121.703

Inverse Universe

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



47, 38.907, 302.336



55, 58.940, 303.282



50, 41.237, 317.892



33, 5.396, 299.788



18, 87.286, 307.673



1, 9.665, 297.940

Previews

White Background



This preview shows how the CIELCh color 66, 35.672, 116.701 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, 35.672, 116.701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

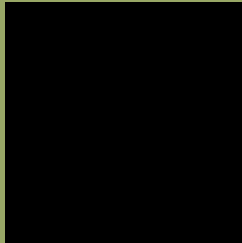
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 35.672, 116.701

Background



This preview shows how black text looks on a background with the CIELCh color 66, 35.672, 116.701.



This preview shows how white text looks on a background with the CIELCh color 66, 35.672, 116.701.

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, 35.672, 116.701

Protanopia
66, 33.877, 95.494

Deuteranopia
66, 31.803, 74.888



Tritanopia
66, 6.711, 297.220

Trichromacy



Original Color
66, 35.672, 116.701

Protanomaly
66, 34.186, 103.644

Deuteranomaly
66, 30.755, 91.454

Tritanomaly
66, 8.973, 119.313

Monochromacy



Original Color
66, 35.672, 116.701

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 12.883, 117.730

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 35.672, 116.701 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(152, 167, 102)` looks like.

```
.text, #text, p{  
    color:rgb(152, 167, 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(152, 167, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 167, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 35.672, 116.701 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(152, 167, 102) }
```

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

```
.border{ border-color:rgb(152, 167, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 167, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 167, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 167, 102);  
box-shadow:4px 4px 4px 4px rgb(152, 167,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 35.672, 116.701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 167, 102) }
```

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

```
.background{ background-color: rgb(152,  
167, 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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