

Converting Colors

CIELCh(66, 71.442, 108.588)

Have a look what the booklet for
CIELCh(66, 71.442, 108.588)
contains.

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Color

CIELCh(66, 71.285, 108.671)

Conversions

Conversions Part 1

Format	Color
Hex	99A904
RGB	153, 169, 4
RGB Percent	60%, 66%, 2%
CMY	0.3985, 0.3359, 0.9848
CMYK	0.09, 0.00, 0.98, 0.34
HSL	66°, 96%, 34%
HSV	66°, 98%, 66%
XYZ	27.4818, 35.3238, 5.4809
YIQ	145.4060, 43.4290, -54.7070

Conversions

Conversions Part 2

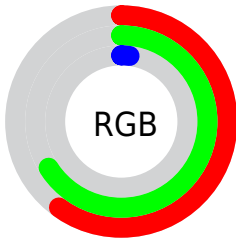
Format	Color
R_{YB}	4, 169, 20
Decimal	10070276
CIE Lab	66.00, -22.82, 67.53
CIE LCh	66, 71.285, 108.671
Yxy	35.3238, 0.4024, 0.5173
Android (android.graphics.Color)	4288260356 (0xFF99A904)
YUV	145.4060, -69.7132, 6.6599
Hunter-Lab	59.4338, -21.4720, 36.1361

Details

The CIELCh color **66, 71.285, 108.671** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **20, 96.721, 306.436**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 71.226, 108.607**, and **46, 55.494, 112.707** is the 20% darker color. If you saturate the color by 10%, you get **66, 71.793, 108.721**, and if you desaturate by 10%, it is **66, 68.731, 108.506**.

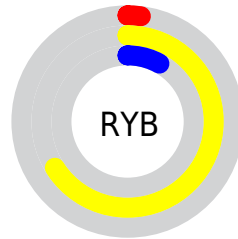
Distribution



Red (60%)

Green (66%)

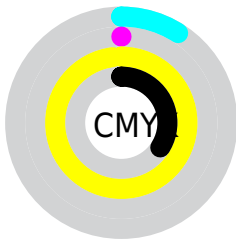
Blue (2%)



Red (2%)

Yellow (66%)

Blue (8%)

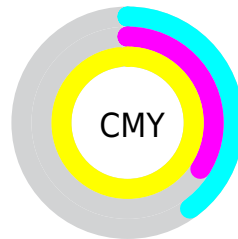


Cyan (9%)

Magenta (0%)

Yellow (98%)

Black (34%)



Cyan (40%)


Magenta (34%)


Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 71.285, 108.671 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, 71.285, 108.671 by changing the saturation by 10% instead.


 66, 71.285,
108.671


 66, 71.285,
108.671


 100, 71.285,
108.671


 56, 71.285,
108.671


 86, 71.285,
108.671

 46, 71.285,
108.671

 96, 71.285,
108.671

 36, 71.285,
108.671

 26, 71.285,
108.671

 16, 71.285,
108.671

 6, 71.285, 108.671

 0, 71.285, 108.671

■ 66, 71.285,
108.671

■ 66, 71.285,
108.671

■ 66, 71.793,
108.721

■ 66, 68.731,
108.506

■ 66, 64.398,
108.611

■ 67, 58.409,
108.969

■ 67, 51.181,
109.514

■ 67, 43.111,
110.188

■ 68, 34.498,
110.940

■ 68, 25.550,
111.736

■ 68, 16.406,

112.548

■ 69, 7.155, 113.357

Harmonies

Complementary

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



66, 71.285, 108.671



20, 96.721, 306.436

Rectangle

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



66, 71.285, 108.671



66, 71.285, 158.671



66, 71.285, 288.671



66, 71.285, 338.671

Sweetspot

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



66, 71.285, 108.673



86, 32.964, 111.590



36, 74.288, 40.364



45, 22.516, 111.263



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, 71.285, 108.673



83, 87.069, 108.823



62, 81.506, 130.260



35, 5.227, 113.230



58, 64.981, 108.658



6, 9.608, 115.353

Inverse Universe

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



20, 96.721, 306.436



28, 118.884, 306.559



29, 89.251, 314.142



33, 5.339, 294.765



17, 88.595, 306.674



1, 9.582, 293.446

Previews

White Background



This preview shows how the CIELCh color 66, 71.285, 108.671 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, 71.285, 108.671 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, 71.285, 108.671

Background



This preview shows how black text looks on a background with the CIELCh color 66, 71.285, 108.671.



This preview shows how white text looks on a background with the CIELCh color 66, 71.285, 108.671.

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, 71.160, 108.693

Protanopia

66, 69.370, 95.212

Deuteranopia

66, 65.565, 82.652



Tritanopia
66, 8.003, 315.782

Trichromacy



Original Color
66, 71.160, 108.693

Protanomaly
66, 69.586, 100.226

Deuteranomaly
66, 66.138, 92.674

Tritanomaly
65, 27.870, 107.179

Monochromacy



Original Color
66, 71.160, 108.693

Achromatopsia
61, 0.008, 296.813

Achromatomaly
62, 32.928, 110.274

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 71.285, 108.671 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(153, 169, 4)` looks like.

```
.text, #text, p{  
    color:rgb(153, 169, 4)  
}
```

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(153, 169, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 169, 4) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 71.285, 108.671 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(153, 169, 4) }
```

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

```
.border{ border-color:rgb(153, 169, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 169, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 169, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 169, 4);  
box-shadow:4px 4px 4px 4px rgb(153, 169,  
4) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 71.285, 108.671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 169, 4) }
```

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

```
.background{ background-color: rgb(153,  
169, 4) }
```

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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