

Converting Colors

CIELCh(67, 75.449, 115.181)

Have a look what the booklet for
CIELCh(67, 75.449, 115.181)
contains.

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Color

CIELCh(67, 75.361, 115.253)

Conversions

Conversions Part 1

Format	Color
Hex	8BB001
RGB	139, 176, 1
RGB Percent	55%, 69%, 0%
CMY	0.4542, 0.3091, 0.9942
CMYK	0.21, 0.00, 0.99, 0.31
HSL	73°, 98%, 35%
HSV	73°, 99%, 69%
XYZ	26.2491, 36.6320, 5.7291
YIQ	144.9870, 34.1230, -62.2690

Conversions

Conversions Part 2

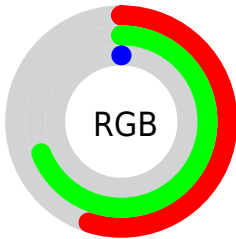
Format	Color
RYB	1, 176, 38
Decimal	9154561
CIELab	67.00, -32.15, 68.16
CIElCh	67, 75.361, 115.253
Yxy	36.6320, 0.3826, 0.5339
Android (android.graphics.Color)	4287344641 (0xFF8BB001)
YUV	144.9870, -70.9856, -5.2506
Hunter-Lab	60.5244, -28.5029, 36.7548

Details

The CIELCh color **67, 75.361, 115.253** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **22, 99.242, 307.350**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 75.661, 115.419**, and **47, 59.840, 120.552** is the 20% darker color. If you saturate the color by 10%, you get **67, 75.568, 115.308**, and if you desaturate by 10%, it is **67, 72.686, 114.641**.

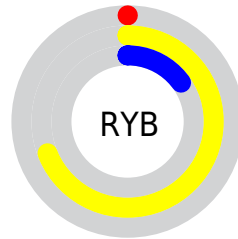
Distribution



Red (55%)

Green (69%)

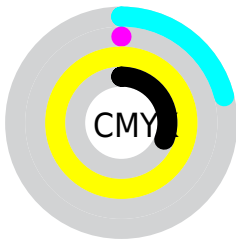
Blue (0%)



Red (0%)

Yellow (69%)

Blue (15%)

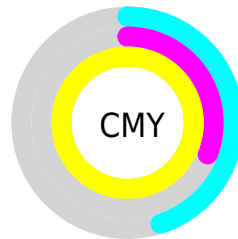


Cyan (21%)

Magenta (0%)

Yellow (99%)

Black (31%)



Cyan (45%)


Magenta (31%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 75.361, 115.253 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 67, 75.361, 115.253 by changing the saturation by 10% instead.

 67, 75.361,
115.253


 67, 75.361,
115.253


 100, 75.361,
115.253


 57, 75.361,
115.253


 87, 75.361,
115.253

 47, 75.361,
115.253

 97, 75.361,
115.253

 37, 75.361,
115.253

 27, 75.361,
115.253

 17, 75.361,
115.253

 7, 75.361, 115.253

 0, 75.361, 115.253

■ 67, 75.361,
115.253

■ 67, 75.361,
115.253

■ 67, 75.568,
115.308

■ 67, 72.686,
114.641

■ 68, 68.297,
114.372

■ 68, 62.164,
114.447

■ 68, 54.705,
114.775

■ 69, 46.336,
115.270

■ 69, 37.378,
115.865

■ 70, 28.056,
116.514

■ 71, 18.520,

117.183

■ 71, 8.872, 117.850

Harmonies

Complementary

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



67, 75.361, 115.253



22, 99.242, 307.350

Rectangle

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



67, 75.361, 115.253



67, 75.361, 165.253



67, 75.361, 295.253



67, 75.361, 345.253

Sweetspot

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



67, 75.361, 115.255



89, 35.752, 116.424



39, 74.529, 43.481



47, 24.293, 116.155



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



67, 75.361, 115.255



85, 92.167, 115.507



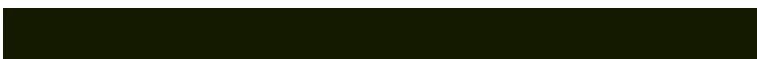
63, 87.112, 133.067



38, 5.543, 117.839



59, 68.064, 115.181



8, 13.625, 121.692

Inverse Universe

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



22, 99.242, 307.350



30, 121.698, 307.265



33, 90.454, 317.439



35, 5.655, 299.086



18, 89.744, 307.465



1, 13.421, 296.582

Previews

White Background



This preview shows how the CIELCh color 67, 75.361, 115.253 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 67, 75.361, 115.253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

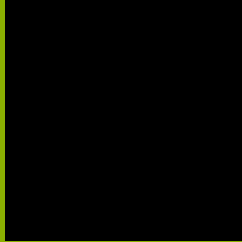
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 75.361, 115.253

Background



This preview shows how black text looks on a background with the CIELCh color 67, 75.361, 115.253.



This preview shows how white text looks on a background with the CIELCh color 67, 75.361, 115.253.

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





Tritanopia
67, 7.966, 263.934

Trichromacy



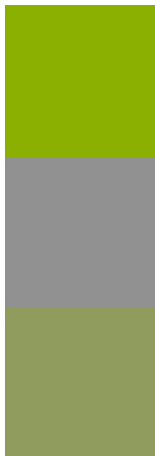
Original Color
67, 75.361, 115.253

Protanomaly
67, 70.772, 102.864

Deuteranomaly
66, 66.494, 95.627

Tritanomaly
66, 30.905, 121.749

Monochromacy



Original Color
67, 75.361, 115.253

Achromatopsia
60, 0.008, 296.813

Achromatomaly
62, 34.847, 115.580

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 75.361, 115.253 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(139, 176, 1)` looks like.

```
.text, #text, p{  
    color:rgb(139, 176, 1)  
}
```

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(139, 176, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 176, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 75.361, 115.253 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(139, 176, 1) }
```

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

```
.border{ border-color:rgb(139, 176, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 176, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 176, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 176, 1);  
box-shadow:4px 4px 4px 4px rgb(139, 176,  
1) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 75.361, 115.253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 176, 1) }
```

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

```
.background{ background-color: rgb(139,  
176, 1) }
```

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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