

Converting Colors

CIELCh(67, 70.218, 115.177)

Have a look what the booklet for
CIELCh(67, 70.218, 115.177)
contains.

CIELCh(67, 69.992, 115.200)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(67, 69.992, 115.200)

Conversions

Conversions Part 1

Format	Color
Hex	8EAF1E
RGB	142, 175, 30
RGB Percent	56%, 69%, 12%
CMY	0.4421, 0.3127, 0.8809
CMYK	0.19, 0.00, 0.83, 0.31
HSL	74°, 70%, 40%
HSV	74°, 83%, 69%
XYZ	26.8214, 36.6320, 6.9093
YIQ	148.6030, 26.8770, -52.0910

Conversions

Conversions Part 2

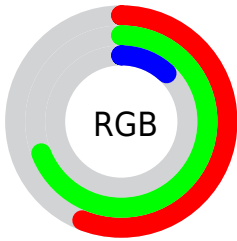
Format	Color
RYB	30, 175, 63
Decimal	9350942
CIELab	67.00, -29.80, 63.33
CIELCh	67, 69.992, 115.200
Yxy	36.6320, 0.3812, 0.5206
Android (android.graphics.Color)	4287541022 (0xFF8EAF1E)
YUV	148.6030, -58.4713, -5.7908
Hunter-Lab	60.5244, -26.8153, 35.5987

Details

The CIELCh color **67, 69.992, 115.200** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **27, 87.921, 306.893**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 70.006, 115.346**, and **47, 58.826, 118.739** is the 20% darker color. If you saturate the color by 10%, you get **67, 73.734, 115.648**, and if you desaturate by 10%, it is **67, 64.409, 115.136**.

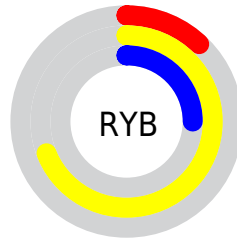
Distribution



Red (56%)

Green (69%)

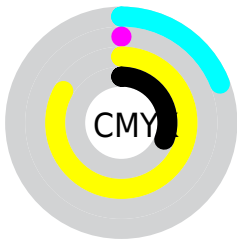
Blue (12%)



Red (12%)

Yellow (69%)

Blue (25%)

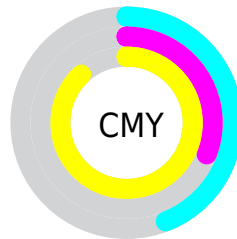


Cyan (19%)

Magenta (0%)

Yellow (83%)

Black (31%)



Cyan (44%)


Magenta (31%)


Yellow (88%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 69.992, 115.200 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, 69.992, 115.200 by changing the saturation by 10% instead.

 67, 69.992,
115.200


 67, 69.992,
115.200

 100, 69.992,
115.200

 57, 69.992,
115.200


 87, 69.992,
115.200

 47, 69.992,
115.200

 97, 69.992,
115.200

 37, 69.992,
115.200

 27, 69.992,
115.200

 17, 69.992,
115.200

 7, 69.992, 115.200

 0, 69.992, 115.200

■ 67, 69.992,
115.200

■ 67, 69.992,
115.200

■ 67, 73.734,
115.648

■ 67, 64.409,
115.136

■ 66, 75.575,
116.157

■ 68, 57.358,
115.363

■ 68, 49.269,
115.788

■ 69, 40.497,
116.336

■ 69, 31.296,
116.953

■ 70, 21.840,
117.600

■ 71, 12.242,
118.252

■ 71, 2.580, 118.898

Harmonies

Complementary

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



67, 69.992, 115.200



27, 87.921, 306.893

Rectangle

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



67, 69.992, 115.200



67, 69.992, 165.200



67, 69.992, 295.200



67, 69.992, 345.200

Sweetspot

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



67, 69.992, 115.202



88, 29.673, 117.420



42, 61.669, 43.437



47, 20.370, 117.197



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, 69.992, 115.202



84, 91.530, 116.281



64, 80.114, 132.673



36, 5.422, 118.471



58, 67.492, 116.011



7, 11.625, 122.037

Inverse Universe

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



27, 87.921, 306.893



30, 119.906, 307.403



36, 83.180, 318.673



34, 5.529, 299.676



18, 88.437, 307.631



1, 11.459, 297.442

Previews

White Background



This preview shows how the CIELCh color 67, 69.992, 115.200 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, 69.992, 115.200 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, 69.992, 115.200

Background



This preview shows how black text looks on a background with the CIELCh color 67, 69.992, 115.200.



This preview shows how white text looks on a background with the CIELCh color 67, 69.992, 115.200.

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
67, 69.992, 115.200

Protanopia
67, 65.557, 95.264

Deuteranopia
67, 62.083, 82.036



Tritanopia
67, 7.573, 271.296

Trichromacy



Original Color
67, 69.992, 115.200

Protanomaly
67, 65.977, 102.911

Deuteranomaly
66, 62.112, 95.160

Tritanomaly
66, 24.919, 122.802

Monochromacy



Original Color
67, 69.992, 115.200

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 29.474, 116.872

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 69.992, 115.200 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(142, 175, 30)` looks like.

```
.text, #text, p{  
    color:rgb(142, 175, 30)  
}
```

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(142, 175, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 175, 30) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 69.992, 115.200 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(142, 175, 30) }
```

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

```
.border{ border-color:rgb(142, 175, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 175, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 175, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 175, 30);  
box-shadow:4px 4px 4px 4px rgb(142, 175,  
30) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 69.992, 115.200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 175, 30) }
```

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

```
.background{ background-color: rgb(142,  
175, 30) }
```

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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