

Converting Colors

CIELCh(64, 65.705, 119.870)

Have a look what the booklet for
CIELCh(64, 65.705, 119.870)
contains.

CIELCh(64, 65.978, 119.989)	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(64, 65.978, 119.989)

Conversions

Conversions Part 1

Format	Color
Hex	7EA929
RGB	126, 169, 41
RGB Percent	49%, 66%, 16%
CMY	0.5074, 0.3387, 0.8408
CMYK	0.26, 0.00, 0.76, 0.34
HSL	80°, 61%, 41%
HSV	80°, 76%, 66%
XYZ	23.0602, 32.8017, 7.1760
YIQ	141.5510, 15.4600, -48.9240

Conversions

Conversions Part 2

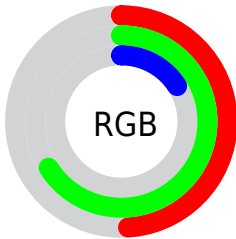
Format	Color
RYB	41, 169, 84
Decimal	8300841
CIELab	64.00, -32.98, 57.14
CIElCh	64, 65.978, 119.989
Yxy	32.8017, 0.3658, 0.5203
Android (android.graphics.Color)	4286490921 (0xFF7EA929)
YUV	141.5510, -49.5716, -13.6382
Hunter-Lab	57.2727, -28.3562, 32.6622

Details

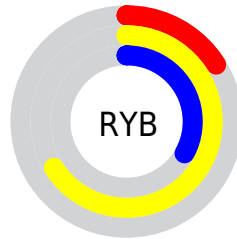
The CIELCh color **64, 65.978, 119.989** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **30, 78.341, 308.529**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 65.809, 119.875**, and **44, 58.767, 123.064** is the 20% darker color. If you saturate the color by 10%, you get **64, 71.182, 120.330**, and if you desaturate by 10%, it is **64, 59.264, 120.010**.

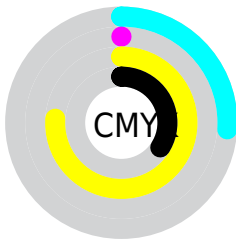
Distribution



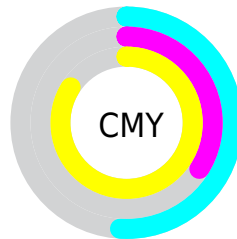
- Red (49%)
- Green (66%)
- Blue (16%)



- Red (16%)
- Yellow (66%)
- Blue (33%)



- Cyan (26%)
- Magenta (0%)
- Yellow (76%)
- Black (34%)




- Cyan (51%)
- Magenta (34%)
- Yellow (84%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 65.978, 119.989 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 64, 65.978, 119.989 by changing the saturation by 10% instead.

 64, 65.978,
119.989


 64, 65.978,
119.989


 100, 65.978,
119.989


 54, 65.978,
119.989


 84, 65.978,
119.989

 44, 65.978,
119.989

 94, 65.978,
119.989

 34, 65.978,
119.989

 24, 65.978,
119.989

 14, 65.978,
119.989

 4, 65.978, 119.989

 0, 65.978, 119.989

■ 64, 65.978,
119.989

■ 64, 65.978,
119.989

■ 64, 71.182,
120.330

■ 64, 59.264,
120.010

■ 63, 74.609,
121.109

■ 65, 51.449,
120.276

■ 63, 75.776,
121.465

■ 66, 42.899,
120.695

■ 66, 33.884,
121.200

■ 67, 24.591,
121.743

■ 68, 15.147,
122.296

■ 69, 5.637, 122.843

■ 69, 3.879, 303.338

■ 70, 13.358,
303.837

Harmonies

Complementary

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



64, 65.978, 119.989



30, 78.341, 308.529

Rectangle

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



64, 65.978, 119.989



64, 65.978, 169.989



64, 65.978, 299.989



64, 65.978, 349.989

Sweetspot

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



64, 65.978, 119.991



85, 27.036, 121.882



45, 51.210, 51.333



45, 18.660, 121.691



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



64, 65.978, 119.991



80, 89.603, 120.808



61, 75.689, 135.132



35, 5.373, 122.660



56, 68.736, 121.302



5, 9.970, 125.972

Inverse Universe

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



30, 78.341, 308.529



33, 110.507, 308.953



39, 76.240, 322.434



33, 5.468, 303.648



19, 85.780, 308.995



1, 9.771, 301.389

Previews

White Background



This preview shows how the CIELCh color 64, 65.978, 119.989 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 64, 65.978, 119.989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

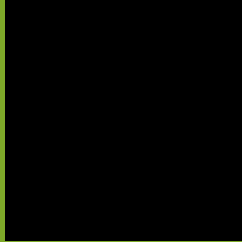
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 65.978, 119.989

Background



This preview shows how black text looks on a background with the CIELCh color 64, 65.978, 119.989.



This preview shows how white text looks on a background with the CIELCh color 64, 65.978, 119.989.

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

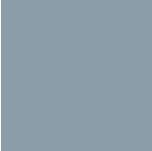
64, 65.978, 119.989

Protanopia

64, 59.767, 95.241

Deuteranopia

64, 55.850, 81.879



Tritanopia
64, 9.350, 250.151

Trichromacy



Original Color
64, 65.978, 119.989

Protanomaly
64, 60.602, 105.363

Deuteranomaly
63, 55.804, 97.927

Tritanomaly
63, 23.506, 134.175

Monochromacy



Original Color
64, 65.978, 119.989

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 26.935, 121.652

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 65.978, 119.989 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(126, 169, 41)` looks like.

```
.text, #text, p{  
    color:rgb(126, 169, 41)  
}
```

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(126, 169, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 169, 41) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 65.978, 119.989 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(126, 169, 41) }
```

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

```
.border{ border-color:rgb(126, 169, 41) }
```

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

Here you see how a box with a 4 pixel rgb(126, 169, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 169, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 169, 41);  
box-shadow:4px 4px 4px 4px rgb(126, 169,  
41) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 65.978, 119.989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 169, 41) }
```

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

```
.background{ background-color: rgb(126,  
169, 41) }
```

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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