

Converting Colors

CIELCh(70, 69.547, 129.629)

Have a look what the booklet for
CIELCh(70, 69.547, 129.629)
contains.

CIELCh(70, 69.591, 129.786)	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(70, 69.591, 129.786)

Conversions

Conversions Part 1

Format	Color
Hex	73BE42
RGB	115, 190, 66
RGB Percent	45%, 75%, 26%
CMY	0.5499, 0.2558, 0.7420
CMYK	0.40, 0.00, 0.65, 0.26
HSL	96°, 49%, 50%
HSV	96°, 65%, 74%
XYZ	26.3820, 40.7494, 11.5954
YIQ	153.4390, -4.8960, -54.4640

Conversions

Conversions Part 2

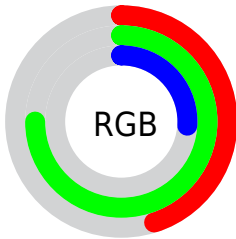
Format	Color
RYB	66, 190, 141
Decimal	7585346
CIELab	70.00, -44.53, 53.48
CIELCh	70, 69.591, 129.786
Yxy	40.7494, 0.3351, 0.5176
Android (android.graphics.Color)	4285775426 (0xFF73BE42)
YUV	153.4390, -43.1074, -33.7110
Hunter-Lab	63.8353, -37.9408, 33.9149

Details

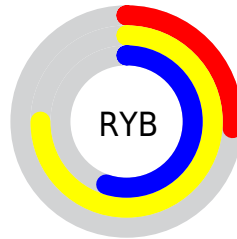
The CIELCh color **70, 69.591, 129.786** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **43, 74.499, 315.326**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 69.875, 129.849**, and **50, 69.657, 129.872** is the 20% darker color. If you saturate the color by 10%, you get **69, 77.762, 129.708**, and if you desaturate by 10%, it is **71, 60.182, 130.098**.

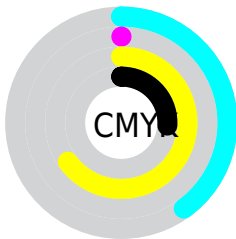
Distribution



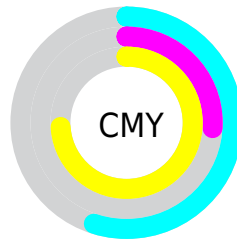
- Red (45%)
- Green (75%)
- Blue (26%)



- Red (26%)
- Yellow (75%)
- Blue (55%)



- Cyan (40%)
- Magenta (0%)
- Yellow (65%)
- Black (26%)





- Cyan (55%)
- Magenta (26%)
- Yellow (74%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 69.591, 129.786 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 70, 69.591, 129.786 by changing the saturation by 10% instead.


 70, 69.591,
129.786

 70, 69.591,
129.786


 100, 69.591,
129.786


 60, 69.591,
129.786

 90, 69.591,
129.786

 50, 69.591,
129.786

 40, 69.591,
129.786

 30, 69.591,
129.786

 20, 69.591,
129.786

 10, 69.591,
129.786

 0, 69.591, 129.786

70, 69.591,
129.786

70, 69.591,
129.786

69, 77.762,
129.708

71, 60.182,
130.098

69, 84.221,
129.988

72, 49.952,
130.534

68, 88.618,
130.724

73, 39.216,
131.023

68, 90.223,
131.120

74, 28.200,
131.519

75, 17.062,
131.997

76, 5.914, 132.453

78, 5.162, 312.800

79, 16.112,
313.178

■ 81, 26.895,
313.500

Harmonies

Complementary

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



70, 69.591, 129.786



43, 74.499, 315.326

Rectangle

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



70, 69.591, 129.786



70, 69.591, 179.786



70, 69.591, 309.786



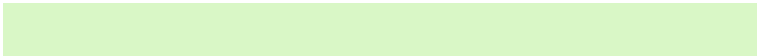
70, 69.591, 359.786

Sweetspot

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



70, 69.592, 129.787



94, 27.610, 131.761



62, 47.389, 76.476



50, 18.990, 131.624



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



70, 69.592, 129.787



88, 98.268, 129.768



68, 72.758, 141.112



39, 6.265, 132.270



58, 78.635, 130.911



9, 19.695, 136.116

Inverse Universe

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



43, 74.499, 315.326



50, 106.190, 315.416



49, 71.244, 330.981



37, 6.332, 313.021



27, 85.282, 314.673



2, 18.452, 308.789

Previews

White Background



This preview shows how the CIELCh color 70, 69.591, 129.786 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 70, 69.591, 129.786 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 70, 69.591, 129.786

Background



This preview shows how black text looks on a background with the CIELCh color 70, 69.591, 129.786.



This preview shows how white text looks on a background with the CIELCh color 70, 69.591, 129.786.

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
70, 69.591, 129.786

Protanopia
69, 57.158, 95.310

Deuteranopia
70, 51.827, 80.057



Tritanopia
70, 16.394, 226.448

Trichromacy



Original Color
70, 69.591, 129.786

Protanomaly
69, 58.700, 110.310

Deuteranomaly
69, 52.025, 102.892

Tritanomaly
70, 28.551, 153.686

Monochromacy



Original Color
70, 69.591, 129.786

Achromatopsia
63, 0.008, 296.813

Achromatomaly
65, 27.013, 131.282

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 69.591, 129.786 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(115, 190, 66)` looks like.

```
.text, #text, p{  
    color:rgb(115, 190, 66)  
}
```

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(115, 190, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 190, 66) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 69.591, 129.786 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(115, 190, 66) }
```

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

```
.border{ border-color:rgb(115, 190, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 190, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 190, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 190, 66);  
box-shadow:4px 4px 4px 4px rgb(115, 190,  
66) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 69.591, 129.786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 190, 66) }
```

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

```
.background{ background-color: rgb(115,  
190, 66) }
```

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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