

Converting Colors

CIELCh(69, 80.963, 120.739)

Have a look what the booklet for
CIELCh(69, 80.963, 120.739)
contains.

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Color

CIELCh(69, 80.786, 120.782)

Conversions

Conversions Part 1

Format	Color
Hex	7EB901
RGB	126, 185, 1
RGB Percent	49%, 73%, 0%
CMY	0.5042, 0.2729, 0.9957
CMYK	0.32, 0.00, 0.99, 0.27
HSL	79°, 99%, 37%
HSV	79°, 99%, 73%
XYZ	26.1108, 39.3444, 6.2492
YIQ	146.3830, 23.9000, -69.7320

Conversions

Conversions Part 2

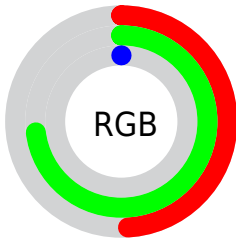
Format	Color
R_{YB}	1, 185, 60
Decimal	8304897
CIE Lab	69.00, -41.34, 69.40
CIE LCh	69, 80.786, 120.782
Yxy	39.3444, 0.3641, 0.5487
Android (android.graphics.Color)	4286494977 (0xFF7EB901)
YUV	146.3830, -71.6738, -17.8759
Hunter-Lab	62.7251, -35.4642, 38.0006

Details

The CIELCh color **69, 80.786, 120.782** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **25, 101.546, 308.594**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 80.402, 120.640**, and **49, 65.678, 126.657** is the 20% darker color. If you saturate the color by 10%, you get **69, 80.953, 120.837**, and if you desaturate by 10%, it is **69, 77.758, 119.886**.

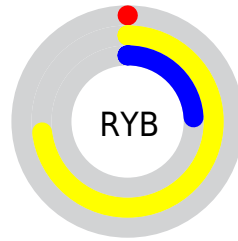
Distribution



Red (49%)

Green (73%)

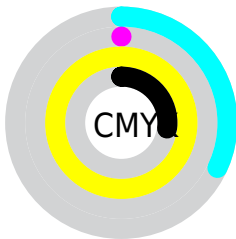
Blue (0%)



Red (0%)

Yellow (73%)

Blue (24%)

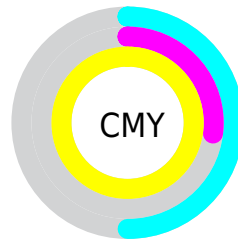


Cyan (32%)

Magenta (0%)

Yellow (99%)

Black (27%)



Cyan (50%)


Magenta (27%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 80.786, 120.782 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 69, 80.786, 120.782 by changing the saturation by 10% instead.

 69, 80.786,
120.782


 69, 80.786,
120.782


 100, 80.786,
120.782


 59, 80.786,
120.782


 89, 80.786,
120.782

 49, 80.786,
120.782

 99, 80.786,
120.782

 39, 80.786,
120.782

 29, 80.786,
120.782

 19, 80.786,
120.782

 9, 80.786, 120.782

 0, 80.786, 120.782

■ 69, 80.786,
120.782

■ 69, 80.786,
120.782

■ 69, 80.953,
120.837

■ 69, 77.758,
119.886

■ 70, 72.960,
119.388

■ 70, 66.354,
119.292

■ 71, 58.371,
119.488

■ 71, 49.440,
119.871

■ 72, 39.901,
120.364

■ 73, 29.989,
120.912

■ 74, 19.866,

121.480

■ 74, 9.638, 122.046

Harmonies

Complementary

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



69, 80.786, 120.782



25, 101.546, 308.594

Rectangle

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



69, 80.786, 120.782



69, 80.786, 170.782



69, 80.786, 300.782



69, 80.786, 350.782

Sweetspot

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



69, 80.786, 120.783



92, 37.996, 120.851



44, 73.354, 48.271



49, 26.062, 120.615



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



69, 80.786, 120.783



88, 99.098, 121.088



66, 92.619, 134.839



38, 5.759, 122.050



59, 71.004, 120.636



9, 16.120, 126.661

Inverse Universe

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



25, 101.546, 308.594



34, 124.728, 308.438



38, 92.321, 321.315



36, 5.864, 303.077



20, 89.311, 308.722



1, 15.618, 299.475

Previews

White Background



This preview shows how the CIELCh color 69, 80.786, 120.782 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 69, 80.786, 120.782 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 69, 80.786, 120.782

Background



This preview shows how black text looks on a background with the CIELCh color 69, 80.786, 120.782.

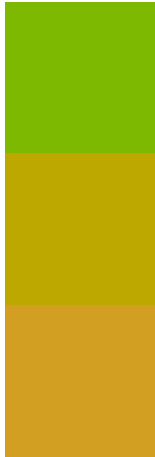


This preview shows how white text looks on a background with the CIELCh color 69, 80.786, 120.782.

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
69, 80.678, 120.814

Protanopia
69, 71.594, 95.139

Deuteranopia
69, 66.339, 82.415



Tritanopia
69, 11.958, 239.062

Trichromacy



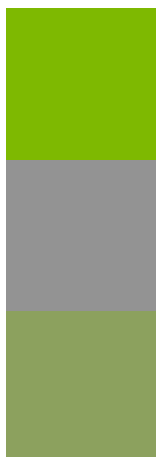
Original Color
69, 80.678, 120.814

Protanomaly
68, 72.884, 105.679

Deuteranomaly
68, 68.011, 98.966

Tritanomaly
68, 35.082, 133.322

Monochromacy



Original Color
69, 80.678, 120.814

Achromatopsia
61, 0.008, 296.813

Achromatomaly
63, 37.445, 120.002

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 80.786, 120.782 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, 185, 1)` looks like.

```
.text, #text, p{  
    color:rgb(126, 185, 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(126, 185, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 185, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 80.786, 120.782 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, 185, 1) }
```

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

```
.border{ border-color:rgb(126, 185, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 185, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 185, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 185, 1);  
box-shadow:4px 4px 4px 4px rgb(126, 185,  
1) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 80.786, 120.782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 185, 1) }
```

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

```
.background{ background-color: rgb(126,  
185, 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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