

Converting Colors

CIELCh(69, 79.305, 118.721)

Have a look what the booklet for
CIELCh(69, 79.305, 118.721)
contains.

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Color

CIELCh(69, 79.338, 118.783)

Conversions

Conversions Part 1

Format	Color
Hex	85B801
RGB	133, 184, 1
RGB Percent	52%, 72%, 0%
CMY	0.4778, 0.2778, 0.9945
CMYK	0.28, 0.00, 0.99, 0.28
HSL	77°, 98%, 36%
HSV	77°, 99%, 72%
XYZ	26.8757, 39.3444, 6.2175
YIQ	147.8890, 28.3470, -67.7250

Conversions

Conversions Part 2

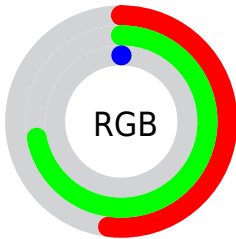
Format	Color
R_{YB}	1, 184, 52
Decimal	8763393
CIE _{Lab}	69.00, -38.20, 69.54
CIE _{LCh}	69, 79.338, 118.783
Yxy	39.3444, 0.3710, 0.5431
Android (android.graphics.Color)	4286953473 (0xFF85B801)
YUV	147.8890, -72.4163, -13.0577
Hunter-Lab	62.7251, -33.2875, 38.0306

Details

The CIELCh color **69, 79.338, 118.783** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **24, 101.638, 308.057**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 79.126, 118.628**, and **49, 64.556, 124.671** is the 20% darker color. If you saturate the color by 10%, you get **69, 79.541, 118.848**, and if you desaturate by 10%, it is **69, 76.439, 117.973**.

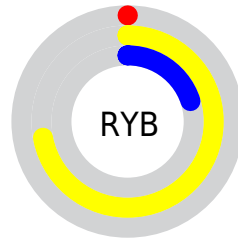
Distribution



Red (52%)

Green (72%)

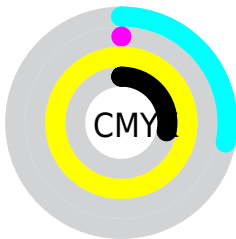
Blue (0%)



Red (0%)

Yellow (72%)

Blue (20%)

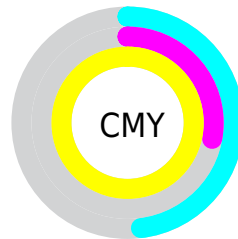


Cyan (28%)

Magenta (0%)

Yellow (99%)

Black (28%)



Cyan (48%)


Magenta (28%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 79.338, 118.783 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, 79.338, 118.783 by changing the saturation by 10% instead.

 69, 79.338,
118.783


 69, 79.338,
118.783


 100, 79.338,
118.783

 59, 79.338,
118.783


 89, 79.338,
118.783

 49, 79.338,
118.783

 99, 79.338,
118.783

 39, 79.338,
118.783

 29, 79.338,
118.783

 19, 79.338,
118.783

 9, 79.338, 118.783

 0, 79.338, 118.783

■ 69, 79.338,
118.783

■ 69, 79.338,
118.783

■ 69, 79.541,
118.848

■ 69, 76.439,
117.973

■ 70, 71.759,
117.548

■ 70, 65.276,
117.508

■ 71, 57.422,
117.746

■ 71, 48.626,
118.166

■ 72, 39.222,
118.693

■ 73, 29.446,
119.275

■ 73, 19.456,

119.878

■ 74, 9.356, 120.479

Harmonies

Complementary

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



69, 79.338, 118.783



24, 101.638, 308.057

Rectangle

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



69, 79.338, 118.783



69, 79.338, 168.783



69, 79.338, 298.783



69, 79.338, 348.783

Sweetspot

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



69, 79.338, 118.785



92, 37.403, 119.200



42, 74.797, 45.918



48, 25.430, 118.954



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



69, 79.338, 118.785



87, 97.059, 119.079



66, 91.336, 134.199



39, 5.723, 120.473



59, 70.143, 118.669



9, 15.949, 124.850

Inverse Universe

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



24, 101.638, 308.057



33, 124.583, 307.926



36, 92.476, 319.590



36, 5.832, 301.578



20, 89.942, 308.180



1, 15.566, 298.319

Previews

White Background



This preview shows how the CIELCh color 69, 79.338, 118.783 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, 79.338, 118.783 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, 79.338, 118.783

Background



This preview shows how black text looks on a background with the CIELCh color 69, 79.338, 118.783.



This preview shows how white text looks on a background with the CIELCh color 69, 79.338, 118.783.

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, 79.338, 118.783

Deuteranopia
69, 66.339, 82.415

Tritanopia
69, 10.514, 246.225

Trichromacy

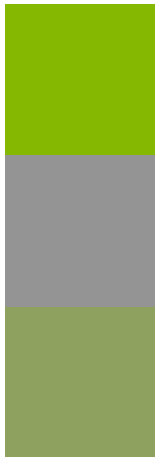


Original Color
69, 79.338, 118.783

Deuteranomaly
68, 67.854, 97.405

Tritanomaly
68, 33.929, 129.362

Monochromacy



Original Color
69, 79.338, 118.783

Achromatopsia
61, 0.008, 296.813

Achromatomaly
63, 36.638, 118.354

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 79.338, 118.783 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(133, 184, 1)` looks like.

```
.text, #text, p{  
    color:rgb(133, 184, 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(133, 184, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 184, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 79.338, 118.783 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(133, 184, 1) }
```

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

```
.border{ border-color:rgb(133, 184, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 184, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 184, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 184, 1);  
box-shadow:4px 4px 4px 4px rgb(133, 184,  
1) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 79.338, 118.783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 184, 1) }
```

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

```
.background{ background-color: rgb(133,  
184, 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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