

Converting Colors

CIELCh(69, 83.075, 129.005)

Have a look what the booklet for
CIELCh(69, 83.075, 129.005)
contains.

CIELCh(69, 83.146, 128.991)	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(69, 83.146, 128.991)

Conversions

Conversions Part 1

Format	Color
Hex	62BE1D
RGB	98, 190, 29
RGB Percent	38%, 75%, 11%
CMY	0.6171, 0.2562, 0.8881
CMYK	0.49, 0.00, 0.85, 0.26
HSL	94°, 74%, 43%
HSV	94°, 85%, 74%
XYZ	23.5550, 39.3444, 7.4843
YIQ	144.1380, -3.1510, -69.5750

Conversions

Conversions Part 2

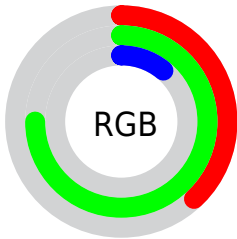
Format	Color
RYB	29, 190, 121
Decimal	6471197
CIELab	69.00, -52.32, 64.62
CIElCh	69, 83.146, 128.991
Yxy	39.3444, 0.3347, 0.5590
Android (android.graphics.Color)	4284661277 (0xFF62BE1D)
YUV	144.1380, -56.7630, -40.4630
Hunter-Lab	62.7251, -42.7373, 36.8332

Details

The CIELCh color **69, 83.146, 128.991** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **35, 91.327, 314.371**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 83.043, 129.141**, and **49, 73.013, 133.919** is the 20% darker color. If you saturate the color by 10%, you get **69, 87.577, 129.766**, and if you desaturate by 10%, it is **70, 76.681, 128.683**.

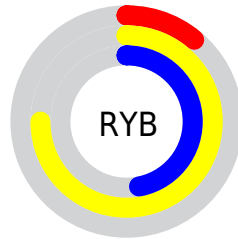
Distribution



Red (38%)

Green (75%)

Blue (11%)



Red (11%)

Yellow (75%)

Blue (47%)

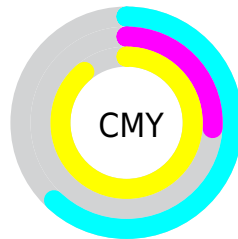


Cyan (49%)

Magenta (0%)

Yellow (85%)

Black (26%)



Cyan (62%)


Magenta (26%)


Yellow (89%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 83.146, 128.991 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, 83.146, 128.991 by changing the saturation by 10% instead.


 69, 83.146,
128.991


 69, 83.146,
128.991


 100, 83.146,
128.991


 59, 83.146,
128.991


 89, 83.146,
128.991

 49, 83.146,
128.991

 99, 83.146,
128.991

 39, 83.146,
128.991

 29, 83.146,
128.991

 19, 83.146,
128.991

 9, 83.146, 128.991

 0, 83.146, 128.991

■ 69, 83.146,
128.991

■ 69, 83.146,
128.991

■ 69, 87.577,
129.766

■ 70, 76.681,
128.683

■ 68, 89.305,
130.229

■ 70, 68.542,
128.735

■ 71, 59.195,
129.023

■ 72, 49.052,
129.440

■ 73, 38.418,
129.916

■ 74, 27.511,
130.403

■ 75, 16.485,
130.876

■ 76, 5.445, 131.333

Harmonies

Complementary

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



69, 83.146, 128.991



35, 91.327, 314.371

Rectangle

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



69, 83.146, 128.991



69, 83.146, 178.991



69, 83.146, 308.991



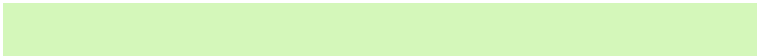
69, 83.146, 358.991

Sweetspot

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



69, 83.146, 128.992



94, 34.188, 130.381



56, 60.156, 70.001



50, 23.498, 130.208



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



69, 83.146, 128.992



87, 109.321, 130.483



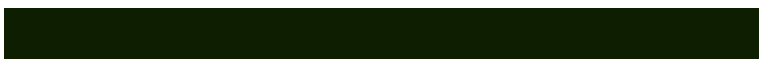
67, 88.808, 137.834



39, 6.211, 131.132



58, 77.869, 130.013



9, 19.518, 135.212

Inverse Universe

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



35, 91.327, 314.371



42, 120.289, 313.433



46, 84.490, 330.580



37, 6.283, 311.893



26, 85.882, 313.767



2, 18.317, 307.520

Previews

White Background



This preview shows how the CIELCh color 69, 83.146, 128.991 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, 83.146, 128.991 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, 83.146, 128.991

Background



This preview shows how black text looks on a background with the CIELCh color 69, 83.146, 128.991.



This preview shows how white text looks on a background with the CIELCh color 69, 83.146, 128.991.

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, 83.146, 128.991

Protanopia

69, 68.436, 95.114

Deuteranopia

69, 62.324, 81.961



Tritanopia
69, 19.222, 223.740

Trichromacy



Original Color
69, 83.146, 128.991



Protanomaly
68, 70.618, 110.381



Deuteranomaly
68, 63.660, 104.022



Tritanomaly
68, 37.030, 150.327

Monochromacy



Original Color
69, 83.146, 128.991



Achromatopsia
60, 0.008, 296.813



Achromatomaly
62, 35.267, 130.030

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 83.146, 128.991 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(98, 190, 29)` looks like.

```
.text, #text, p{  
    color:rgb(98, 190, 29)  
}
```

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(98, 190, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 190, 29) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 83.146, 128.991 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(98, 190, 29) }
```

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

```
.border{ border-color:rgb(98, 190, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 190, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 190, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 190, 29);  
box-shadow:4px 4px 4px 4px rgb(98, 190,  
29) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 83.146, 128.991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 190, 29) }
```

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

```
.background{ background-color: rgb(98, 190,  
29) }
```

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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