

Converting Colors

CIELCh(69, 59.982, 127.306)

Have a look what the booklet for
CIELCh(69, 59.982, 127.306)
contains.

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Color

CIELCh(69, 59.954, 127.314)

Conversions

Conversions Part 1

Format	Color
Hex	80B84D
RGB	128, 184, 77
RGB Percent	50%, 72%, 30%
CMY	0.4985, 0.2789, 0.6985
CMYK	0.30, 0.00, 0.58, 0.28
HSL	91°, 43%, 51%
HSV	91°, 58%, 72%
XYZ	27.3346, 39.3444, 13.1537
YIQ	155.0580, 0.9710, -45.1490

Conversions

Conversions Part 2

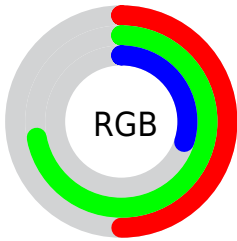
Format	Color
RYB	77, 184, 133
Decimal	8435789
CIELab	69.00, -36.34, 47.68
CIElCh	69, 59.954, 127.314
Yxy	39.3444, 0.3424, 0.4928
Android (android.graphics.Color)	4286625869 (0xFF80B84D)
YUV	155.0580, -38.4826, -23.7299
Hunter-Lab	62.7251, -31.9814, 31.4742

Details

The CIELCh color **69, 59.954, 127.314** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **44, 65.015, 312.677**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 59.850, 127.060**, and **49, 60.306, 127.411** is the 20% darker color. If you saturate the color by 10%, you get **68, 68.617, 127.121**, and if you desaturate by 10%, it is **70, 50.413, 127.677**.

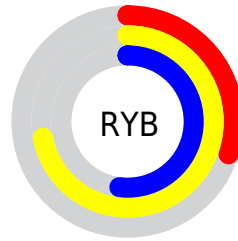
Distribution



Red (50%)

Green (72%)

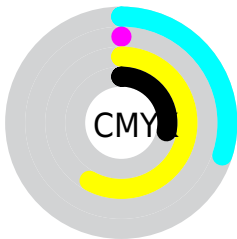
Blue (30%)



Red (30%)

Yellow (72%)

Blue (52%)

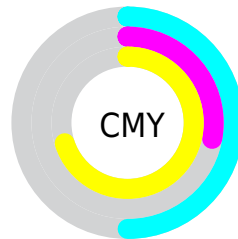


Cyan (30%)

Magenta (0%)

Yellow (58%)

Black (28%)



Cyan (50%)


Magenta (28%)


Yellow (70%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 59.954, 127.314 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, 59.954, 127.314 by changing the saturation by 10% instead.

 69, 59.954,
127.314


 69, 59.954,
127.314


 100, 59.954,
127.314


 59, 59.954,
127.314


 89, 59.954,
127.314

 49, 59.954,
127.314

 99, 59.954,
127.314

 39, 59.954,
127.314

 29, 59.954,
127.314

 19, 59.954,
127.314

 9, 59.954, 127.314

 0, 59.954, 127.314

69, 59.954,
127.314

69, 59.954,
127.314

68, 68.617,
127.121

70, 50.413,
127.677

68, 75.980,
127.207

71, 40.317,
128.125

67, 81.602,
127.698

72, 29.897,
128.604

67, 85.359,
128.626

73, 19.313,
129.083

67, 85.970,
128.792

74, 8.678, 129.546

75, 1.929, 309.896

76, 12.452,
310.336

78, 22.852,
310.693

■ 79, 33.100,
311.010

Harmonies

Complementary

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



69, 59.954, 127.314



44, 65.015, 312.677

Rectangle

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



69, 59.954, 127.314



69, 59.954, 177.314



69, 59.954, 307.314



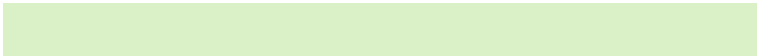
69, 59.954, 357.314

Sweetspot

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



69, 59.955, 127.315



92, 22.393, 129.125



59, 39.794, 69.773



49, 14.970, 129.032



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, 59.955, 127.315



87, 86.582, 127.111



67, 67.880, 139.895



38, 6.001, 129.493



57, 75.814, 128.582



8, 16.981, 133.876

Inverse Universe

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



44, 65.015, 312.677



50, 95.616, 313.097



51, 67.190, 327.858



36, 6.078, 310.276



24, 85.712, 312.593



2, 16.016, 305.698

Previews

White Background



This preview shows how the CIELCh color 69, 59.954, 127.314 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, 59.954, 127.314 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, 59.954, 127.314

Background



This preview shows how black text looks on a background with the CIELCh color 69, 59.954, 127.314.



This preview shows how white text looks on a background with the CIELCh color 69, 59.954, 127.314.

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, 59.954, 127.314

Protanopia
69, 50.995, 95.871

Deuteranopia
69, 46.309, 79.407



Tritanopia
69, 12.166, 234.862

Trichromacy



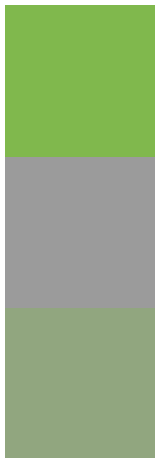
Original Color
69, 59.954, 127.314

Protanomaly
69, 52.100, 109.209

Deuteranomaly
68, 46.685, 100.469

Tritanomaly
69, 22.652, 149.160

Monochromacy



Original Color
69, 59.954, 127.314

Achromatopsia
64, 0.008, 296.813

Achromatomaly
66, 23.038, 129.363

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 59.954, 127.314 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(128, 184, 77)` looks like.

```
.text, #text, p{  
    color:rgb(128, 184, 77)  
}
```

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(128, 184, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 184, 77) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 59.954, 127.314 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(128, 184, 77) }
```

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

```
.border{ border-color:rgb(128, 184, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 184, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 184, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 184, 77);  
box-shadow:4px 4px 4px 4px rgb(128, 184,  
77) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 59.954, 127.314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 184, 77) }
```

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

```
.background{ background-color: rgb(128,  
184, 77) }
```

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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