

Converting Colors

CIELCh(78, 67.363, 130.159)

Have a look what the booklet for
CIELCh(78, 67.363, 130.159)
contains.

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Color

CIELCh(78, 67.234, 130.142)

Conversions

Conversions Part 1

Format	Color
Hex	8BD45C
RGB	139, 212, 92
RGB Percent	55%, 83%, 36%
CMY	0.4558, 0.1695, 0.6400
CMYK	0.34, 0.00, 0.57, 0.17
HSL	97°, 58%, 60%
HSV	97°, 57%, 83%
XYZ	36.0192, 53.2120, 18.4494
YIQ	176.4930, -4.9880, -52.7960

Conversions

Conversions Part 2

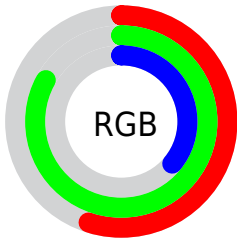
Format	Color
RYB	92, 212, 165
Decimal	9163868
CIELab	78.00, -43.34, 51.40
CIElCh	78, 67.234, 130.142
Yxy	53.2120, 0.3345, 0.4942
Android (android.graphics.Color)	4287353948 (0xFF8BD45C)
YUV	176.4930, -41.6550, -32.8814
Hunter-Lab	72.9466, -39.5176, 36.0671

Details

The CIELCh color **78, 67.234, 130.142** is a dark color, and the websafe version is hex **99CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **52, 71.373, 315.205**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 58.894, 128.495**, and **58, 67.520, 130.195** is the 20% darker color. If you saturate the color by 10%, you get **77, 77.329, 129.859**, and if you desaturate by 10%, it is **79, 56.163, 130.570**.

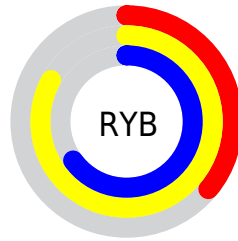
Distribution



Red (55%)

Green (83%)

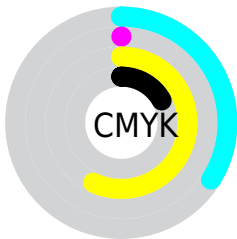
Blue (36%)



Red (36%)

Yellow (83%)

Blue (65%)

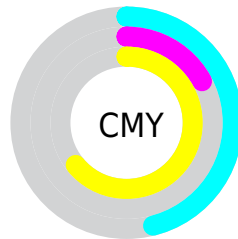


Cyan (34%)

Magenta (0%)

Yellow (57%)

Black (17%)



Cyan (46%)


Magenta (17%)


Yellow (64%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 67.234, 130.142 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 78, 67.234, 130.142 by changing the saturation by 10% instead.

 78, 67.234,
130.142

 78, 67.234,
130.142


 100, 67.234,
130.142


 68, 67.234,
130.142


 98, 67.234,
130.142

 58, 67.234,
130.142

 48, 67.234,
130.142

 38, 67.234,
130.142

 28, 67.234,
130.142

 18, 67.234,
130.142

 8, 67.234, 130.142

0, 67.234, 130.142

78, 67.234,
130.142

78, 67.234,
130.142

77, 77.329,
129.859

79, 56.163,
130.570

77, 85.965,
129.831

80, 44.484,
131.060

76, 92.621,
130.190

81, 32.462,
131.561

75, 96.988,
131.014

82, 20.283,
132.046

75, 98.150,
131.315

84, 8.080, 132.507

85, 4.055, 312.856

87, 16.056,

313.252

■ 88, 24.927,
316.320

■ 90, 27.040,
325.202

Harmonies

Complementary

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



78, 67.234, 130.142



52, 71.373, 315.205

Rectangle

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



78, 67.234, 130.142



78, 67.234, 180.142



78, 67.234, 310.142



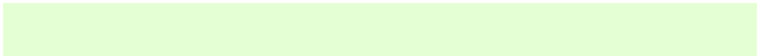
78, 67.234, 0.142

Sweetspot

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



78, 67.235, 130.143



97, 24.071, 132.022



70, 44.742, 77.726



52, 16.104, 131.925



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 67.235, 130.143



91, 91.172, 129.828



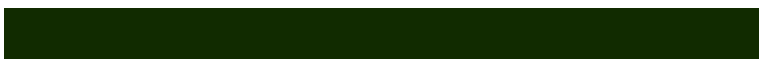
76, 70.441, 142.188



44, 6.962, 132.381



62, 83.430, 131.093



15, 28.739, 132.505

Inverse Universe

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



52, 71.373, 315.205



56, 97.800, 315.498



58, 69.633, 330.542



42, 7.036, 313.144



29, 90.279, 314.704



4, 29.834, 312.919

Previews

White Background



This preview shows how the CIELCh color 78, 67.234, 130.142 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 78, 67.234, 130.142 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 78, 67.234, 130.142

Background



This preview shows how black text looks on a background with the CIELCh color 78, 67.234, 130.142.



This preview shows how white text looks on a background with the CIELCh color 78, 67.234, 130.142.

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
78, 67.234, 130.142

Protanopia
78, 55.177, 95.525

Deuteranopia
78, 49.982, 78.452



Tritanopia
78, 15.873, 231.446

Trichromacy



Original Color
78, 67.234, 130.142



Protanomaly
77, 56.669, 110.560



Deuteranomaly
77, 49.778, 101.552

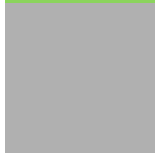


Tritanomaly
78, 26.701, 154.631

Monochromacy



Original Color
78, 67.234, 130.142



Achromatopsia
72, 0.009, 296.813



Achromatomaly
74, 25.892, 131.908

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 67.234, 130.142 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(139, 212, 92)` looks like.

```
.text, #text, p{  
    color:rgb(139, 212, 92)  
}
```

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(139, 212, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 212, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 67.234, 130.142 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(139, 212, 92) }
```

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

```
.border{ border-color:rgb(139, 212, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 212, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 212, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 212, 92);  
box-shadow:4px 4px 4px 4px rgb(139, 212,  
92) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 67.234, 130.142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 212, 92) }
```

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

```
.background{ background-color: rgb(139,  
212, 92) }
```

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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