

Converting Colors

CIELCh(78, 81.323, 120.726)

Have a look what the booklet for
CIELCh(78, 81.323, 120.726)
contains.

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Color

CIELCh(78, 81.576, 120.760)

Conversions

Conversions Part 1

Format	Color
Hex	98D32B
RGB	152, 211, 43
RGB Percent	60%, 83%, 17%
CMY	0.4054, 0.1740, 0.8332
CMYK	0.28, 0.00, 0.80, 0.17
HSL	81°, 66%, 50%
HSV	81°, 80%, 83%
XYZ	36.5061, 53.2120, 10.5876
YIQ	174.2070, 18.7640, -64.7560

Conversions

Conversions Part 2

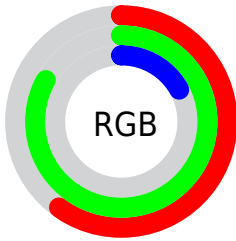
Format	Color
RYB	43, 211, 102
Decimal	10015531
CIELab	78.00, -41.72, 70.10
CIElCh	78, 81.576, 120.760
Yxy	53.2120, 0.3639, 0.5305
Android (android.graphics.Color)	4288205611 (0xFF98D32B)
YUV	174.2070, -64.6851, -19.4755
Hunter-Lab	72.9466, -38.3261, 42.4571

Details

The CIELCh color **78, 81.576, 120.760** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle washed chartreuse. A complement of this color would be **36, 97.584, 309.089**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 75.247, 118.428**, and **58, 72.781, 123.766** is the 20% darker color. If you saturate the color by 10%, you get **78, 86.765, 121.353**, and if you desaturate by 10%, it is **79, 74.331, 120.599**.

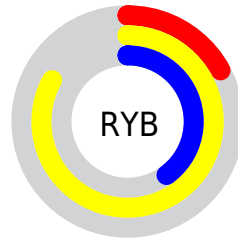
Distribution



Red (60%)

Green (83%)

Blue (17%)



Red (17%)

Yellow (83%)

Blue (40%)

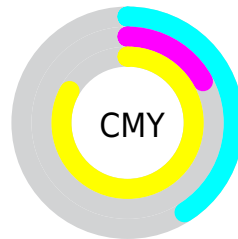


Cyan (28%)

Magenta (0%)

Yellow (80%)

Black (17%)



Cyan (41%)


Magenta (17%)


Yellow (83%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 81.576, 120.760 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, 81.576, 120.760 by changing the saturation by 10% instead.


 78, 81.576,
120.760

 78, 81.576,
120.760


 100, 81.576,
120.760


 68, 81.576,
120.760


 98, 81.576,
120.760

 58, 81.576,
120.760

 48, 81.576,
120.760

 38, 81.576,
120.760

 28, 81.576,
120.760

 18, 81.576,
120.760

 8, 81.576, 120.760

■ 0, 81.576, 120.760

■ 78, 81.576,
120.760

■ 78, 81.576,
120.760

■ 78, 86.765,
121.353

■ 79, 74.331,
120.599

■ 77, 89.953,
122.370

■ 79, 65.501,
120.750

■ 77, 90.010,
122.390

■ 80, 55.580,
121.103

■ 81, 44.956,
121.573

■ 81, 33.904,
122.102

■ 82, 22.611,
122.651

■ 83, 11.203,
123.198

■ 84, 0.235, 303.421

■ 86, 11.642,
304.207

Harmonies

Complementary

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



78, 81.576, 120.760



36, 97.584, 309.089

Rectangle

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



78, 81.576, 120.760



78, 81.576, 170.760



78, 81.576, 300.760



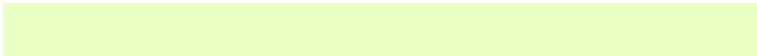
78, 81.576, 350.760

Sweetspot

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



78, 81.576, 120.761



97, 31.961, 122.406



55, 64.680, 52.345



51, 21.925, 122.208



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, 81.576, 120.761



92, 102.947, 122.090



75, 93.492, 135.227



44, 6.445, 123.220



63, 76.031, 122.146



14, 24.925, 123.568

Inverse Universe

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



36, 97.584, 309.089



38, 127.035, 309.027



48, 93.511, 322.961



41, 6.559, 304.212



23, 94.176, 309.121



2, 26.112, 302.326

Previews

White Background



This preview shows how the CIELCh color 78, 81.576, 120.760 looks on a white background.

Color Contrast Check

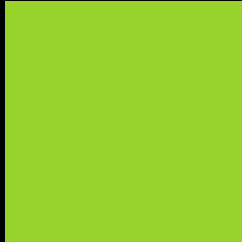
Large Text (above 18pt) WCAG AA × Fail

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, 81.576, 120.760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

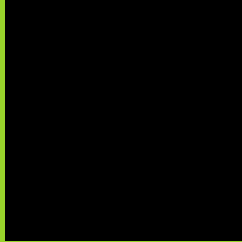
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 81.576, 120.760

Background



This preview shows how black text looks on a background with the CIELCh color 78, 81.576, 120.760.



This preview shows how white text looks on a background with the CIELCh color 78, 81.576, 120.760.

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, 81.576, 120.760

Protanopia
78, 73.272, 95.385

Deuteranopia
78, 68.456, 81.413



Tritanopia
78, 11.938, 245.072

Trichromacy



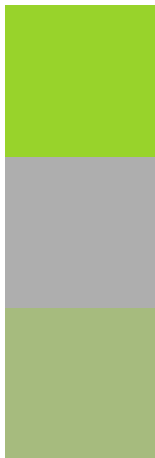
Original Color
78, 81.576, 120.760

Protanomaly
77, 74.052, 105.431

Deuteranomaly
77, 68.324, 97.844

Tritanomaly
77, 30.650, 135.332

Monochromacy



Original Color
78, 81.576, 120.760

Achromatopsia
71, 0.009, 296.813

Achromatomaly
73, 33.591, 121.695

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 81.576, 120.760 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(152, 211, 43)` looks like.

```
.text, #text, p{  
    color:rgb(152, 211, 43)  
}
```

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(152, 211, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 211, 43) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 81.576, 120.760 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(152, 211, 43) }
```

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

```
.border{ border-color:rgb(152, 211, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 211, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 211, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 211, 43);  
box-shadow:4px 4px 4px 4px rgb(152, 211,  
43) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 81.576, 120.760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 211, 43) }
```

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

```
.background{ background-color: rgb(152,  
211, 43) }
```

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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