

Converting Colors

CIELCh(79, 80.557, 119.214)

Have a look what the booklet for
CIELCh(79, 80.557, 119.214)
contains.

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Color

CIELCh(79, 80.243, 119.079)

Conversions

Conversions Part 1

Format	Color
Hex	A0D42E
RGB	160, 212, 46
RGB Percent	63%, 83%, 18%
CMY	0.3714, 0.1675, 0.8183
CMYK	0.24, 0.00, 0.78, 0.17
HSL	79°, 66%, 51%
HSV	79°, 78%, 83%
XYZ	38.6665, 54.9284, 11.1840
YIQ	177.5280, 22.2940, -62.6500

Conversions

Conversions Part 2

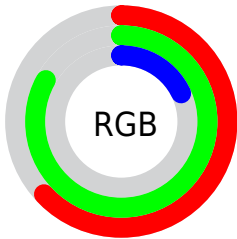
Format	Color
RYB	46, 212, 98
Decimal	10540078
CIELab	79.00, -39.00, 70.13
CIELCh	79, 80.243, 119.079
Yxy	54.9284, 0.3690, 0.5242
Android (android.graphics.Color)	4288730158 (0xFFA0D42E)
YUV	177.5280, -64.8433, -15.3721
Hunter-Lab	74.1137, -36.5722, 42.9325

Details

The CIELCh color **79, 80.243, 119.079** 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 **37, 96.925, 308.239**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 73.297, 116.386**, and **59, 72.029, 121.742** is the 20% darker color. If you saturate the color by 10%, you get **79, 85.681, 119.552**, and if you desaturate by 10%, it is **80, 72.788, 119.011**.

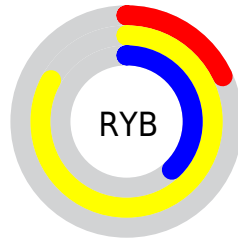
Distribution



Red (63%)

Green (83%)

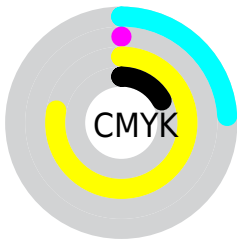
Blue (18%)



Red (18%)

Yellow (83%)

Blue (38%)

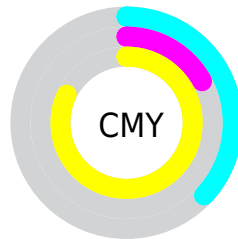


Cyan (24%)

Magenta (0%)

Yellow (78%)

Black (17%)



Cyan (37%)


Magenta (17%)


Yellow (82%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 80.243, 119.079 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 79, 80.243, 119.079 by changing the saturation by 10% instead.


 79, 80.243,
119.079

 79, 80.243,
119.079


 100, 80.243,
119.079


 69, 80.243,
119.079


 99, 80.243,
119.079

 59, 80.243,
119.079

 49, 80.243,
119.079

 39, 80.243,
119.079

 29, 80.243,
119.079

 19, 80.243,
119.079

 9, 80.243, 119.079

■ 0, 80.243, 119.079

■ 79, 80.243,
119.079

■ 79, 80.243,
119.079

■ 79, 85.681,
119.552

■ 80, 72.788,
119.011

■ 78, 88.952,
120.472

■ 80, 63.812,
119.229

■ 78, 89.455,
120.655

■ 81, 53.799,
119.632

■ 82, 43.124,
120.140

■ 82, 32.047,
120.702

■ 83, 20.745,
121.281

■ 84, 9.334, 121.856

■ 85, 2.104, 302.375

■ 86, 13.513,
302.922

Harmonies

Complementary

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



79, 80.243, 119.079



37, 96.925, 308.239

Rectangle

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



79, 80.243, 119.079



79, 80.243, 169.079



79, 80.243, 299.079



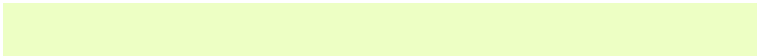
79, 80.243, 349.079

Sweetspot

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



79, 80.243, 119.081



97, 30.429, 120.986



55, 64.986, 48.704



52, 21.029, 120.775



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 80.243, 119.081



92, 101.155, 120.145



76, 91.848, 134.397



45, 6.533, 121.784



64, 75.983, 120.433



16, 26.198, 121.233

Inverse Universe

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



37, 96.925, 308.239



37, 126.813, 308.519



47, 93.118, 321.351



42, 6.655, 302.845



23, 95.902, 308.558



2, 28.111, 301.973

Previews

White Background



This preview shows how the CIELCh color 79, 80.243, 119.079 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 79, 80.243, 119.079 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 79, 80.243, 119.079

Background



This preview shows how black text looks on a background with the CIELCh color 79, 80.243, 119.079.

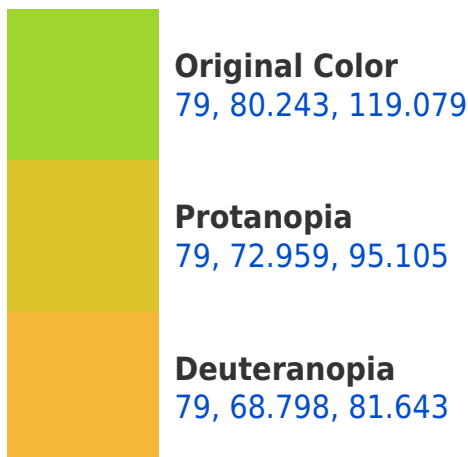


This preview shows how white text looks on a background with the CIELCh color 79, 80.243, 119.079.

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





Tritanopia
79, 10.229, 250.889

Trichromacy



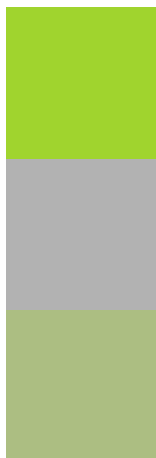
Original Color
79, 80.243, 119.079

Protanomaly
78, 73.614, 104.505

Deuteranomaly
78, 68.932, 96.837

Tritanomaly
78, 29.562, 131.621

Monochromacy



Original Color
79, 80.243, 119.079

Achromatopsia
73, 0.009, 296.813

Achromatomaly
74, 32.692, 119.982

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 80.243, 119.079 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(160, 212, 46)` looks like.

```
.text, #text, p{  
    color:rgb(160, 212, 46)  
}
```

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(160, 212, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 212, 46) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 80.243, 119.079 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(160, 212, 46) }
```

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

```
.border{ border-color:rgb(160, 212, 46) }
```

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

Here you see how a box with a 4 pixel rgb(160, 212, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 212, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 212, 46);  
box-shadow:4px 4px 4px 4px rgb(160, 212,  
46) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 80.243, 119.079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 212, 46) }
```

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

```
.background{ background-color: rgb(160,  
212, 46) }
```

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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