

Converting Colors

CIELCh(79, 84.502, 124.752)

Have a look what the booklet for
CIELCh(79, 84.502, 124.752)
contains.

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Color

CIELCh(79, 84.485, 124.636)

Conversions

Conversions Part 1

Format	Color
Hex	8CD82F
RGB	140, 216, 47
RGB Percent	55%, 85%, 18%
CMY	0.4507, 0.1527, 0.8154
CMYK	0.35, 0.00, 0.78, 0.15
HSL	87°, 68%, 52%
HSV	87°, 78%, 85%
XYZ	35.9109, 54.9284, 11.4061
YIQ	174.0100, 8.9530, -68.6710

Conversions

Conversions Part 2

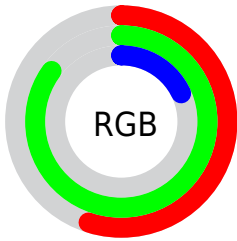
Format	Color
R_{YB}	47, 216, 123
Decimal	9230383
CIE _{Lab}	79.00, -48.02, 69.51
CIE _{LCh}	79, 84.485, 124.636
Yxy	54.9284, 0.3512, 0.5372
Android (android.graphics.Color)	4287420463 (0xFF8CD82F)
YUV	174.0100, -62.6159, -29.8268
Hunter-Lab	74.1137, -43.2089, 42.7549

Details

The CIELCh color **79, 84.485, 124.636** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **40, 96.958, 311.303**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 75.027, 122.154**, and **59, 76.985, 127.560** is the 20% darker color. If you saturate the color by 10%, you get **78, 90.467, 125.209**, and if you desaturate by 10%, it is **80, 76.473, 124.494**.

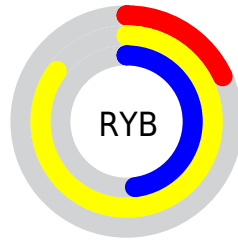
Distribution



Red (55%)

Green (85%)

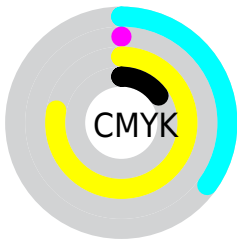
Blue (18%)



Red (18%)

Yellow (85%)

Blue (48%)

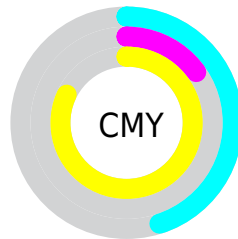


Cyan (35%)

Magenta (0%)

Yellow (78%)

Black (15%)



Cyan (45%)


Magenta (15%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 84.485, 124.636 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, 84.485, 124.636 by changing the saturation by 10% instead.

 79, 84.485,
124.636

 79, 84.485,
124.636

 100, 84.485,
124.636

 69, 84.485,
124.636

 99, 84.485,
124.636

 59, 84.485,
124.636

 49, 84.485,
124.636

 39, 84.485,
124.636

 29, 84.485,
124.636

 19, 84.485,
124.636

 9, 84.485, 124.636

■ 0, 84.485, 124.636

■ 79, 84.485,
124.636

■ 79, 84.485,
124.636

■ 78, 90.467,
125.209

■ 80, 76.473,
124.494

■ 78, 94.259,
126.257

■ 80, 66.933,
124.652

■ 78, 94.839,
126.454

■ 81, 56.355,
124.998

■ 82, 45.121,
125.445

■ 83, 33.498,
125.937

■ 84, 21.671,
126.436

■ 85, 9.764, 126.926

■ 87, 2.134, 307.323

■ 88, 13.961,
307.791

Harmonies

Complementary

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



79, 84.485, 124.636



40, 96.958, 311.303

Rectangle

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



79, 84.485, 124.636



79, 84.485, 174.636



79, 84.485, 304.636



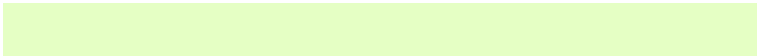
79, 84.485, 354.636

Sweetspot

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



79, 84.485, 124.637



97, 31.284, 126.187



60, 62.846, 59.299



51, 21.632, 126.004



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, 84.485, 124.637



91, 105.600, 125.872



76, 95.754, 136.499



45, 6.702, 126.868



63, 79.421, 126.188



15, 27.300, 127.091

Inverse Universe

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



40, 96.958, 311.303



41, 123.675, 310.976



52, 94.302, 325.729



42, 6.804, 307.730



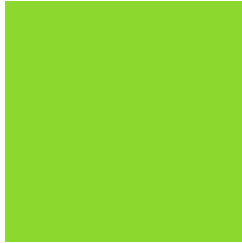
25, 93.369, 310.879



3, 28.673, 306.488

Previews

White Background



This preview shows how the CIELCh color 79, 84.485, 124.636 looks on a white background.

Color Contrast Check

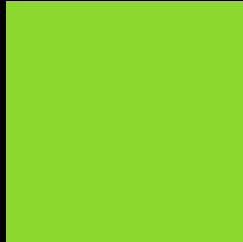
Large Text (above 18pt) WCAG AA × Fail

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, 84.485, 124.636 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, 84.485, 124.636

Background



This preview shows how black text looks on a background with the CIELCh color 79, 84.485, 124.636.



This preview shows how white text looks on a background with the CIELCh color 79, 84.485, 124.636.

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](#).

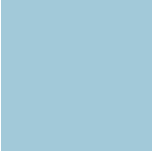
Dichromacy



Original Color
79, 84.485, 124.636

Protanopia
79, 72.959, 95.105

Deuteranopia
79, 67.730, 81.407



Tritanopia
79, 15.340, 232.702

Trichromacy



Original Color
79, 84.485, 124.636

Protanomaly
78, 74.540, 107.802

Deuteranomaly
78, 67.843, 100.189

Tritanomaly
78, 33.497, 143.259

Monochromacy



Original Color
79, 84.485, 124.636

Achromatopsia
71, 0.009, 296.813

Achromatomaly
73, 34.257, 125.484

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 84.485, 124.636 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(140, 216, 47)` looks like.

```
.text, #text, p{  
    color:rgb(140, 216, 47)  
}
```

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(140, 216, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 216, 47) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 84.485, 124.636 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(140, 216, 47) }
```

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

```
.border{ border-color:rgb(140, 216, 47) }
```

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

Here you see how a box with a 4 pixel rgb(140, 216, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 216, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 216, 47);  
box-shadow:4px 4px 4px 4px rgb(140, 216,  
47) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 84.485, 124.636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 216, 47) }
```

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

```
.background{ background-color: rgb(140,  
216, 47) }
```

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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