

Converting Colors

CIELCh(79, 79.124, 141.489)

Have a look what the booklet for
CIELCh(79, 79.124, 141.489)
contains.

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Color

CIELCh(79, 79.124, 141.489)

Conversions

Conversions Part 1

Format	Color
Hex	54DE62
RGB	84, 222, 98
RGB Percent	33%, 87%, 38%
CMY	0.6712, 0.1299, 0.6162
CMYK	0.62, 0.00, 0.56, 0.13
HSL	126°, 68%, 60%
HSV	126°, 62%, 87%
XYZ	31.9265, 54.9284, 20.4444
YIQ	166.6020, -42.4440, -67.8200

Conversions

Conversions Part 2

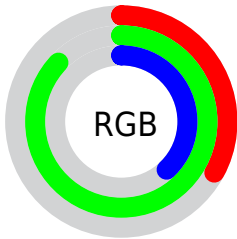
Format	Color
RYB	84, 209, 222
Decimal	5561954
CIELab	79.00, -61.91, 49.27
CIELCh	79, 79.124, 141.489
Yxy	54.9284, 0.2975, 0.5119
Android (android.graphics.Color)	4283752034 (0xFF54DE62)
YUV	166.6020, -33.8208, -72.4420
Hunter-Lab	74.1137, -52.8051, 35.5243

Details

The CIELCh color **79, 79.124, 141.489** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **58, 77.727, 330.912**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 65.133, 142.525**, and **59, 78.121, 140.465** is the 20% darker color. If you saturate the color by 10%, you get **78, 88.935, 140.126**, and if you desaturate by 10%, it is **80, 67.916, 142.771**.

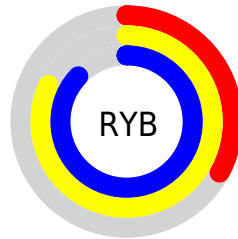
Distribution



Red (33%)

Green (87%)

Blue (38%)



Red (33%)

Yellow (82%)

Blue (87%)

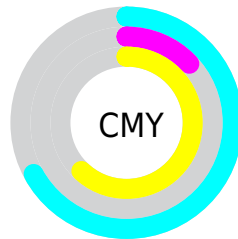


Cyan (62%)

Magenta (0%)

Yellow (56%)

Black (13%)



Cyan (67%)

Magenta (13%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 79.124, 141.489 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, 79.124, 141.489 by changing the saturation by 10% instead.

 79, 79.124,
141.489

 79, 79.124,
141.489

 100, 79.124,
141.489

 69, 79.124,
141.489

 99, 79.124,
141.489

 59, 79.124,
141.489

 49, 79.124,
141.489

 39, 79.124,
141.489

 29, 79.124,
141.489

 19, 79.124,
141.489

 9, 79.124, 141.489

0, 79.124, 141.489

79, 79.124,
141.489

79, 79.124,
141.489

78, 88.935,
140.126

80, 67.916,
142.771

78, 96.946,
138.767

81, 55.695,
143.927

78, 102.797,
137.538

82, 42.811,
144.941

77, 105.779,
136.805

84, 29.563,
145.818

86, 16.198,
146.576

88, 2.905, 147.301

■ 90, 10.178,
327.711

■ 92, 20.733,
325.146

Harmonies

Complementary

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



79, 79.124, 141.489



58, 77.727, 330.912

Rectangle

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



79, 79.124, 141.489



79, 79.124, 191.489



79, 79.124, 321.489



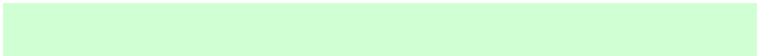
79, 79.124, 11.489

Sweetspot

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



79, 79.125, 141.489



96, 28.297, 146.062



85, 67.774, 109.351



51, 19.485, 145.833



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, 79.125, 141.489



89, 102.041, 139.661



80, 52.704, 162.086



46, 7.589, 146.768



63, 88.606, 136.968



16, 33.480, 141.227

Inverse Universe

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



58, 77.727, 330.912



62, 98.093, 331.604



56, 58.688, 358.115



44, 7.605, 327.846



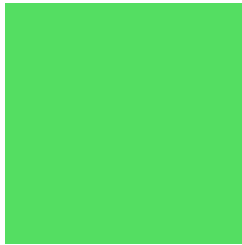
41, 80.805, 332.727



7, 33.549, 331.912

Previews

White Background



This preview shows how the CIELCh color 79, 79.124, 141.489 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, 79.124, 141.489 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, 79.124, 141.489

Background



This preview shows how black text looks on a background with the CIELCh color 79, 79.124, 141.489.

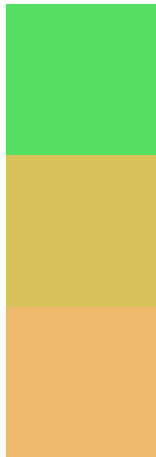


This preview shows how white text looks on a background with the CIELCh color 79, 79.124, 141.489.

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, 79.124, 141.489

Protanopia

78, 54.679, 95.557

Deuteranopia

78, 46.951, 77.720



Tritanopia
79, 28.285, 216.550

Trichromacy



Original Color
79, 79.124, 141.489



Protanomaly
77, 58.932, 120.057



Deuteranomaly
77, 49.098, 113.977

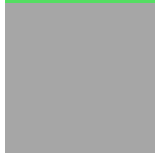


Tritanomaly
78, 39.902, 169.405

Monochromacy



Original Color
79, 79.124, 141.489



Achromatopsia
68, 0.008, 296.813



Achromatomaly
71, 31.040, 145.401

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 79.124, 141.489 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(84, 222, 98)` looks like.

```
.text, #text, p{  
    color:rgb(84, 222, 98)  
}
```

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(84, 222, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 222, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 79.124, 141.489 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(84, 222, 98) }
```

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

```
.border{ border-color:rgb(84, 222, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 222, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 222, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 222, 98);  
box-shadow:4px 4px 4px 4px rgb(84, 222,  
98) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 79.124, 141.489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 222, 98) }
```

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

```
.background{ background-color: rgb(84, 222,  
98) }
```

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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