

Converting Colors

CIELCh(79, 68.577, 127.627)

Have a look what the booklet for
CIELCh(79, 68.577, 127.627)
contains.

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Color

CIELCh(79, 68.623, 127.564)

Conversions

Conversions Part 1

Format	Color
Hex	93D658
RGB	147, 214, 88
RGB Percent	58%, 84%, 35%
CMY	0.4240, 0.1612, 0.6553
CMYK	0.31, 0.00, 0.59, 0.16
HSL	92°, 61%, 59%
HSV	92°, 59%, 84%
XYZ	37.7852, 54.9284, 17.8194
YIQ	179.6030, 0.5140, -53.3900

Conversions

Conversions Part 2

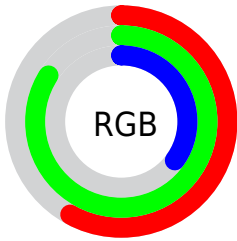
Format	Color
R_{YB}	88, 214, 155
Decimal	9688664
CIE _{Lab}	79.00, -41.84, 54.40
CIE _{LCh}	79, 68.623, 127.564
Yxy	54.9284, 0.3418, 0.4969
Android (android.graphics.Color)	4287878744 (0xFF93D658)
YUV	179.6030, -45.1603, -28.5928
Hunter-Lab	74.1137, -38.6948, 37.6243

Details

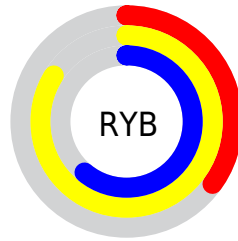
The CIELCh color **79, 68.623, 127.564** is a light color, and the websafe version is hex **99CC66**. The color can be described as light muted chartreuse. A complement of this color would be **50, 74.404, 312.979**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 59.520, 125.205**, and **59, 68.679, 127.746** is the 20% darker color. If you saturate the color by 10%, you get **78, 78.276, 127.395**, and if you desaturate by 10%, it is **80, 57.909, 127.918**.

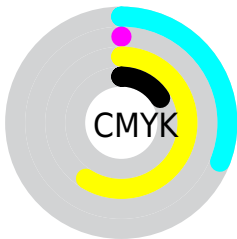
Distribution



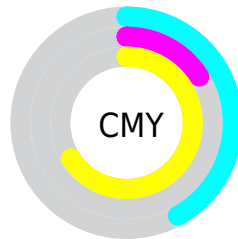
- Red (58%)
- Green (84%)
- Blue (35%)



- Red (35%)
- Yellow (84%)
- Blue (61%)



- Cyan (31%)
- Magenta (0%)
- Yellow (59%)
- Black (16%)



- Cyan (42%)
- Magenta (16%)
- Yellow (66%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 68.623, 127.564 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, 68.623, 127.564 by changing the saturation by 10% instead.

 79, 68.623,
127.564

 79, 68.623,
127.564

 100, 68.623,
127.564

 69, 68.623,
127.564

 99, 68.623,
127.564

 59, 68.623,
127.564

 49, 68.623,
127.564

 39, 68.623,
127.564

 29, 68.623,
127.564

 19, 68.623,
127.564

 9, 68.623, 127.564

0, 68.623, 127.564

79, 68.623,
127.564

79, 68.623,
127.564

78, 78.276,
127.395

80, 57.909,
127.918

78, 86.368,
127.528

81, 46.521,
128.365

77, 92.403,
128.092

82, 34.737,
128.849

77, 96.289,
129.103

83, 22.753,
129.333

77, 96.663,
129.214

84, 10.702,
129.800

86, 1.321, 310.115

■ 87, 13.249,
310.599

■ 89, 23.089,
312.630

■ 90, 24.735,
321.331

Harmonies

Complementary

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



79, 68.623, 127.564



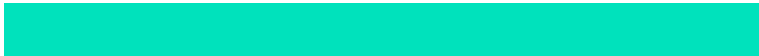
50, 74.404, 312.979

Rectangle

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



79, 68.623, 127.564



79, 68.623, 177.564



79, 68.623, 307.564



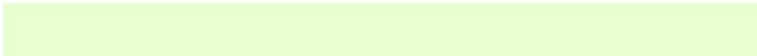
79, 68.623, 357.564

Sweetspot

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



79, 68.624, 127.565



97, 24.983, 129.367



68, 45.655, 69.595



51, 17.360, 129.227



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, 68.624, 127.565



91, 92.179, 127.396



77, 77.442, 139.743



44, 6.829, 129.777



62, 81.552, 128.964



15, 28.038, 130.081

Inverse Universe

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



50, 74.404, 312.979



53, 101.670, 313.353



58, 76.587, 327.910



42, 6.916, 310.570



27, 91.749, 312.710



3, 29.196, 309.683

Previews

White Background



This preview shows how the CIELCh color 79, 68.623, 127.564 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, 68.623, 127.564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

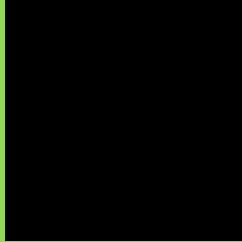
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 68.623, 127.564

Background



This preview shows how black text looks on a background with the CIELCh color 79, 68.623, 127.564.

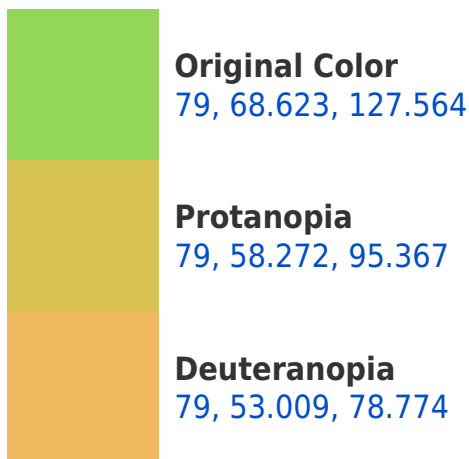


This preview shows how white text looks on a background with the CIELCh color 79, 68.623, 127.564.

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, 14.318, 235.566

Trichromacy



Original Color
79, 68.623, 127.564

Protanomaly
79, 59.557, 108.861

Deuteranomaly
78, 53.037, 100.612

Tritanomaly
79, 25.979, 150.083

Monochromacy



Original Color
79, 68.623, 127.564

Achromatopsia
73, 0.009, 296.813

Achromatomaly
75, 26.482, 129.503

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 68.623, 127.564 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(147, 214, 88)` looks like.

```
.text, #text, p{  
    color:rgb(147, 214, 88)  
}
```

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(147, 214, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 214, 88) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 68.623, 127.564 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(147, 214, 88) }
```

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

```
.border{ border-color:rgb(147, 214, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 214, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 214, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 214, 88);  
box-shadow:4px 4px 4px 4px rgb(147, 214,  
88) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 68.623, 127.564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 214, 88) }
```

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

```
.background{ background-color: rgb(147,  
214, 88) }
```

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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