

Converting Colors

CIELCh(78, 57.928, 129.902)

Have a look what the booklet for
CIELCh(78, 57.928, 129.902)
contains.

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Color

CIELCh(78, 57.642, 129.821)

Conversions

Conversions Part 1

Format	Color
Hex	95D16B
RGB	149, 209, 107
RGB Percent	58%, 82%, 42%
CMY	0.4147, 0.1793, 0.5794
CMYK	0.29, 0.00, 0.49, 0.18
HSL	95°, 53%, 62%
HSV	95°, 49%, 82%
XYZ	37.9742, 53.2120, 22.2471
YIQ	179.4320, -3.0180, -44.4420

Conversions

Conversions Part 2

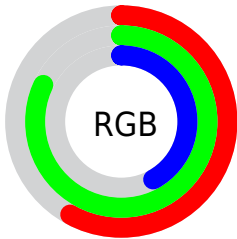
Format	Color
RYB	107, 209, 167
Decimal	9818475
CIELab	78.00, -36.91, 44.27
CIELCh	78, 57.642, 129.821
Yxy	53.2120, 0.3348, 0.4691
Android (android.graphics.Color)	4288008555 (0xFF95D16B)
YUV	179.4320, -35.7090, -26.6889
Hunter-Lab	72.9466, -34.7338, 32.9804

Details

The CIELCh color **78, 57.642, 129.821** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **56, 60.925, 314.280**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 51.345, 128.234**, and **58, 57.495, 129.764** is the 20% darker color. If you saturate the color by 10%, you get **77, 68.377, 129.433**, and if you desaturate by 10%, it is **79, 46.247, 130.292**.

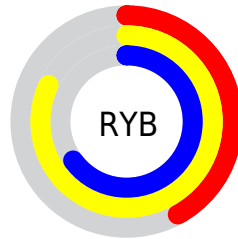
Distribution



Red (58%)

Green (82%)

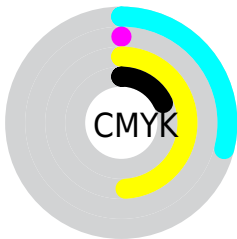
Blue (42%)



Red (42%)

Yellow (82%)

Blue (65%)

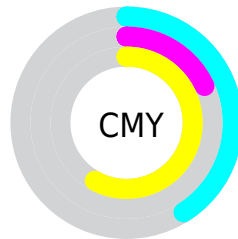


Cyan (29%)

Magenta (0%)

Yellow (49%)

Black (18%)



Cyan (41%)


Magenta (18%)


Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 57.642, 129.821 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, 57.642, 129.821 by changing the saturation by 10% instead.


 78, 57.642,
129.821


 78, 57.642,
129.821


 100, 57.642,
129.821


 68, 57.642,
129.821


 98, 57.642,
129.821

 58, 57.642,
129.821

 48, 57.642,
129.821

 38, 57.642,
129.821

 28, 57.642,
129.821

 18, 57.642,
129.821

 8, 57.642, 129.821

0, 57.642, 129.821

78, 57.642,
129.821

78, 57.642,
129.821

77, 68.377,
129.433

79, 46.247,
130.292

76, 78.062,
129.213

80, 34.467,
130.786

76, 86.208,
129.280

81, 22.497,
131.272

75, 92.318,
129.762

83, 10.476,
131.736

75, 96.275,
130.678

84, 1.500, 312.038

75, 96.707,
130.790

86, 13.362,
312.506

■ 87, 25.062,
312.848

■ 88, 27.398,
320.849

■ 89, 28.667,
325.423

Harmonies

Complementary

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



78, 57.642, 129.821



56, 60.925, 314.280

Rectangle

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



78, 57.642, 129.821



78, 57.642, 179.821



78, 57.642, 309.821



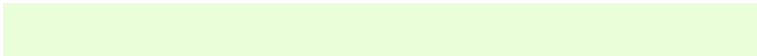
78, 57.642, 359.821

Sweetspot

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



78, 57.643, 129.822



98, 21.118, 131.441



71, 37.496, 77.355



52, 14.412, 131.341



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, 57.643, 129.822



92, 80.461, 129.404



76, 61.612, 142.689



43, 6.789, 131.706



61, 82.018, 130.556



14, 26.944, 132.603

Inverse Universe

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



56, 60.925, 314.280



60, 86.086, 314.688



60, 61.271, 329.546



41, 6.865, 312.471



28, 89.648, 314.165



3, 27.328, 311.040

Previews

White Background



This preview shows how the CIELCh color 78, 57.642, 129.821 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, 57.642, 129.821 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, 57.642, 129.821

Background



This preview shows how black text looks on a background with the CIELCh color 78, 57.642, 129.821.

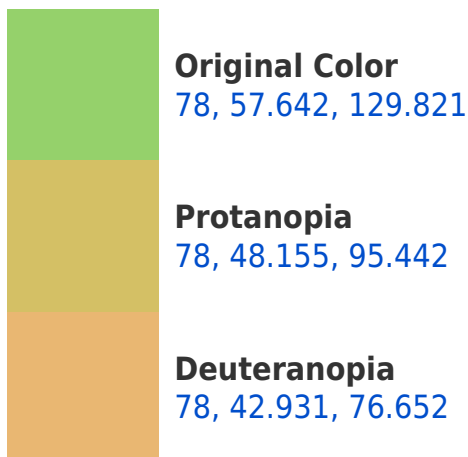


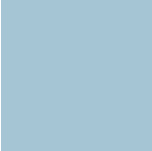
This preview shows how white text looks on a background with the CIELCh color 78, 57.642, 129.821.

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
78, 13.601, 238.070

Trichromacy



Original Color
78, 57.642, 129.821

Protanomaly
77, 49.174, 110.044

Deuteranomaly
77, 42.593, 100.498

Tritanomaly
77, 20.874, 156.086

Monochromacy



Original Color
78, 57.642, 129.821

Achromatopsia
73, 0.009, 296.813

Achromatomaly
75, 21.616, 131.462

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 57.642, 129.821 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(149, 209, 107)` looks like.

```
.text, #text, p{  
    color:rgb(149, 209, 107)  
}
```

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(149, 209, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 209, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 57.642, 129.821 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(149, 209, 107) }
```

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

```
.border{ border-color:rgb(149, 209, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 209, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 209, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 209, 107);  
box-shadow:4px 4px 4px 4px rgb(149, 209,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 57.642, 129.821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 209, 107) }
```

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

```
.background{ background-color: rgb(149,  
209, 107) }
```

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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