

Converting Colors

CIELCh(78, 60.395, 129.366)

Have a look what the booklet for
CIELCh(78, 60.395, 129.366)
contains.

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Color

CIELCh(78, 60.519, 129.244)

Conversions

Conversions Part 1

Format	Color
Hex	94D266
RGB	148, 210, 102
RGB Percent	58%, 82%, 40%
CMY	0.4205, 0.1773, 0.6008
CMYK	0.30, 0.00, 0.51, 0.18
HSL	94°, 54%, 61%
HSV	94°, 51%, 82%
XYZ	37.5512, 53.2120, 20.8076
YIQ	179.1500, -2.2840, -46.7320

Conversions

Conversions Part 2

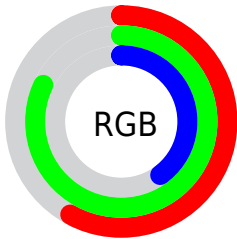
Format	Color
RYB	102, 210, 164
Decimal	9753190
CIELab	78.00, -38.29, 46.87
CIELCh	78, 60.519, 129.244
Yxy	53.2120, 0.3366, 0.4769
Android (android.graphics.Color)	4287943270 (0xFF94D266)
YUV	179.1500, -38.0349, -27.3185
Hunter-Lab	72.9466, -35.7688, 34.1505

Details

The CIELCh color **78, 60.519, 129.244** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **54, 64.351, 313.958**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 53.736, 127.567**, and **58, 60.700, 129.316** is the 20% darker color. If you saturate the color by 10%, you get **77, 70.986, 128.903**, and if you desaturate by 10%, it is **79, 49.300, 129.692**.

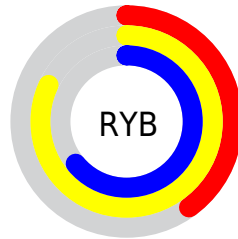
Distribution



Red (58%)

Green (82%)

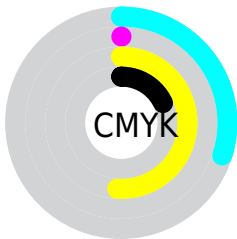
Blue (40%)



Red (40%)

Yellow (82%)

Blue (64%)

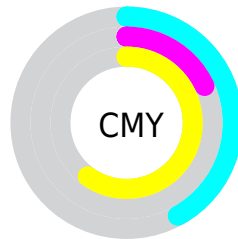


Cyan (30%)

Magenta (0%)

Yellow (51%)

Black (18%)



Cyan (42%)

Magenta (18%)

Yellow (60%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 60.519, 129.244 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, 60.519, 129.244 by changing the saturation by 10% instead.

 78, 60.519,
129.244

 78, 60.519,
129.244


 100, 60.519,
129.244


 68, 60.519,
129.244

 98, 60.519,
129.244


 58, 60.519,
129.244

 48, 60.519,
129.244

 38, 60.519,
129.244

 28, 60.519,
129.244

 18, 60.519,
129.244

 8, 60.519, 129.244

0, 60.519, 129.244

78, 60.519,
129.244

78, 60.519,
129.244

77, 70.986,
128.903

79, 49.300,
129.692

76, 80.281,
128.762

80, 37.629,
130.179

76, 87.896,
128.949

81, 25.722,
130.667

75, 93.374,
129.582

83, 13.728,
131.137

75, 96.488,
130.417

84, 1.752, 131.640

85, 10.132,
311.933

■ 87, 21.870,
312.292

■ 88, 26.515,
318.360

■ 89, 28.347,
325.412

Harmonies

Complementary

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



78, 60.519, 129.244



54, 64.351, 313.958

Rectangle

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



78, 60.519, 129.244



78, 60.519, 179.244



78, 60.519, 309.244



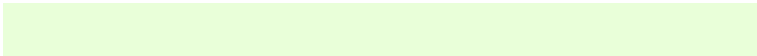
78, 60.519, 359.244

Sweetspot

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



78, 60.520, 129.245



98, 21.040, 130.966



70, 39.495, 75.411



52, 14.359, 130.866



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, 60.520, 129.245



92, 83.644, 128.873



76, 65.617, 141.913



43, 6.765, 131.231



61, 81.682, 130.177



14, 26.819, 132.163

Inverse Universe

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



54, 64.351, 313.958



58, 90.114, 314.359



59, 65.140, 329.146



41, 6.844, 312.001



28, 89.912, 313.792



3, 27.222, 310.450

Previews

White Background



This preview shows how the CIELCh color 78, 60.519, 129.244 looks on a white background.

Color Contrast Check

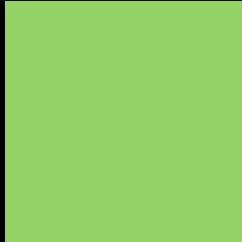
Large Text (above 18pt) WCAG AA × Fail

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, 60.519, 129.244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

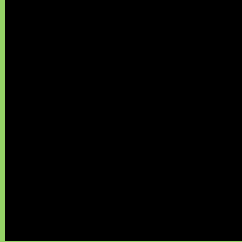
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 60.519, 129.244

Background



This preview shows how black text looks on a background with the CIELCh color 78, 60.519, 129.244.

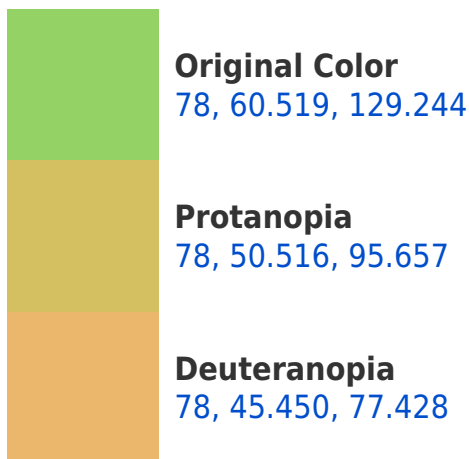


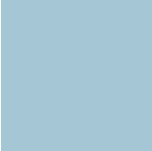
This preview shows how white text looks on a background with the CIELCh color 78, 60.519, 129.244.

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, 13.555, 235.280

Trichromacy



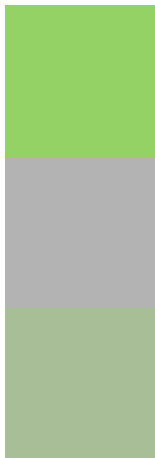
Original Color
78, 60.519, 129.244

Protanomaly
77, 51.528, 109.644

Deuteranomaly
77, 45.537, 100.553

Tritanomaly
78, 22.270, 153.704

Monochromacy



Original Color
78, 60.519, 129.244

Achromatopsia
73, 0.009, 296.813

Achromatomaly
74, 22.623, 130.377

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 60.519, 129.244 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(148, 210, 102)` looks like.

```
.text, #text, p{  
    color:rgb(148, 210, 102)  
}
```

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(148, 210, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 210, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 60.519, 129.244 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(148, 210, 102) }
```

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

```
.border{ border-color:rgb(148, 210, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 210, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 210, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 210, 102);  
box-shadow:4px 4px 4px 4px rgb(148, 210,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 60.519, 129.244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 210, 102) }
```

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

```
.background{ background-color: rgb(148,  
210, 102) }
```

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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