

Converting Colors

CIELCh(78, 62.907, 124.509)

Have a look what the booklet for
CIELCh(78, 62.907, 124.509)
contains.

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Color

CIELCh(78, 62.878, 124.514)

Conversions

Conversions Part 1

Format	Color
Hex	9CD05B
RGB	156, 208, 91
RGB Percent	61%, 82%, 36%
CMY	0.3864, 0.1825, 0.6414
CMYK	0.25, 0.00, 0.56, 0.18
HSL	87°, 56%, 59%
HSV	87°, 56%, 82%
XYZ	38.3735, 53.2120, 18.2433
YIQ	179.1140, 6.5650, -47.4110

Conversions

Conversions Part 2

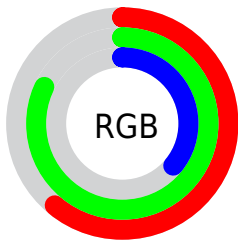
Format	Color
RYB	91, 208, 143
Decimal	10276955
CIELab	78.00, -35.63, 51.81
CIELCh	78, 62.878, 124.514
Yxy	53.2120, 0.3494, 0.4845
Android (android.graphics.Color)	4288467035 (0xFF9CD05B)
YUV	179.1140, -43.4402, -20.2710
Hunter-Lab	72.9466, -33.7567, 36.2347

Details

The CIELCh color **78, 62.878, 124.514** 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, 69.279, 310.267**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 57.506, 122.449**, and **58, 62.894, 124.476** is the 20% darker color. If you saturate the color by 10%, you get **77, 72.389, 124.307**, and if you desaturate by 10%, it is **79, 52.455, 124.889**.

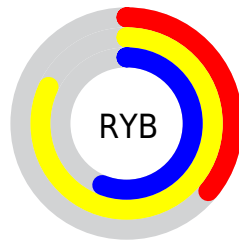
Distribution



Red (61%)

Green (82%)

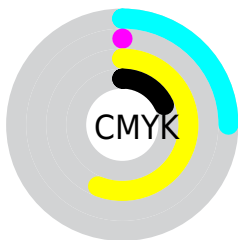
Blue (36%)



Red (36%)

Yellow (82%)

Blue (56%)

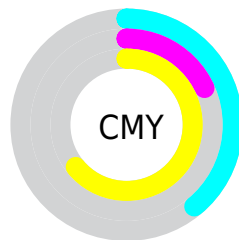


Cyan (25%)

Magenta (0%)

Yellow (56%)

Black (18%)



Cyan (39%)


Magenta (18%)


Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 62.878, 124.514 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, 62.878, 124.514 by changing the saturation by 10% instead.


 78, 62.878,
124.514


 78, 62.878,
124.514


 100, 62.878,
124.514


 68, 62.878,
124.514


 98, 62.878,
124.514

 58, 62.878,
124.514

 48, 62.878,
124.514

 38, 62.878,
124.514

 28, 62.878,
124.514

 18, 62.878,
124.514

 8, 62.878, 124.514

0, 62.878, 124.514

78, 62.878,
124.514

78, 62.878,
124.514

77, 72.389,
124.307

79, 52.455,
124.889

77, 80.529,
124.372

80, 41.460,
125.350

76, 86.801,
124.837

81, 30.132,
125.845

76, 90.890,
125.792

82, 18.634,
126.345

75, 92.128,
126.218

83, 7.078, 126.835

84, 4.456, 307.250

85, 15.913,

307.687

■ 87, 25.655,
309.069

■ 88, 26.732,
315.680

Harmonies

Complementary

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



78, 62.878, 124.514



50, 69.279, 310.267

Rectangle

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



78, 62.878, 124.514



78, 62.878, 174.514



78, 62.878, 304.514



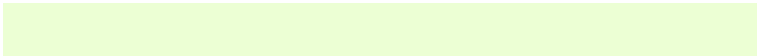
78, 62.878, 354.514

Sweetspot

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



78, 62.879, 124.515



98, 23.113, 126.293



65, 41.930, 61.804



52, 15.457, 126.191



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, 62.879, 124.515



92, 85.946, 124.295



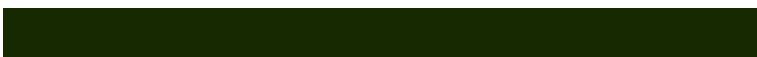
75, 72.303, 138.422



44, 6.563, 126.675



62, 78.391, 125.969



14, 25.677, 127.530

Inverse Universe

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



50, 69.279, 310.267



53, 96.917, 310.857



57, 72.239, 325.243



41, 6.663, 307.540



25, 92.429, 310.784



3, 26.462, 305.421

Previews

White Background



This preview shows how the CIELCh color 78, 62.878, 124.514 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, 62.878, 124.514 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, 62.878, 124.514

Background



This preview shows how black text looks on a background with the CIELCh color 78, 62.878, 124.514.

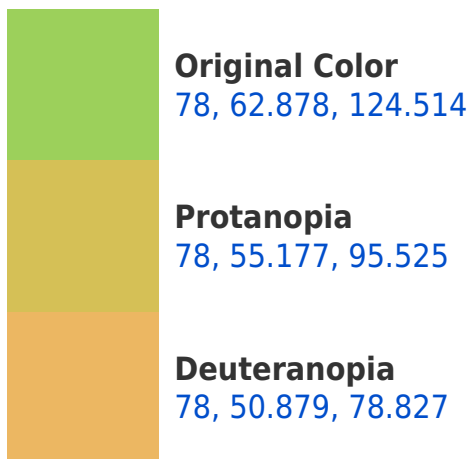


This preview shows how white text looks on a background with the CIELCh color 78, 62.878, 124.514.

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, 11.122, 245.454

Trichromacy



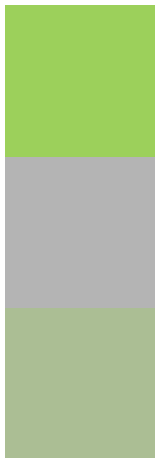
Original Color
78, 62.878, 124.514

Protanomaly
77, 56.018, 107.615

Deuteranomaly
77, 50.148, 98.088

Tritanomaly
78, 21.822, 144.181

Monochromacy



Original Color
78, 62.878, 124.514

Achromatopsia
73, 0.009, 296.813

Achromatomaly
75, 23.697, 126.348

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 62.878, 124.514 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(156, 208, 91)` looks like.

```
.text, #text, p{  
    color:rgb(156, 208, 91)  
}
```

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(156, 208, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 208, 91) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 62.878, 124.514 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(156, 208, 91) }
```

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

```
.border{ border-color:rgb(156, 208, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 208, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 208, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 208, 91);  
box-shadow:4px 4px 4px 4px rgb(156, 208,  
91) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 62.878, 124.514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 208, 91) }
```

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

```
.background{ background-color: rgb(156,  
208, 91) }
```

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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