

Converting Colors

CIELCh(78, 50.143, 120.410)

Have a look what the booklet for
CIELCh(78, 50.143, 120.410)
contains.

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Color

CIELCh(78, 50.143, 120.410)

Conversions

Conversions Part 1

Format	Color
Hex	ADCC6E
RGB	173, 204, 110
RGB Percent	68%, 80%, 43%
CMY	0.3215, 0.1999, 0.5685
CMYK	0.15, 0.00, 0.46, 0.20
HSL	80°, 48%, 62%
HSV	80°, 46%, 80%
XYZ	41.6545, 53.2120, 22.8342
YIQ	184.0150, 11.6980, -35.8060

Conversions

Conversions Part 2

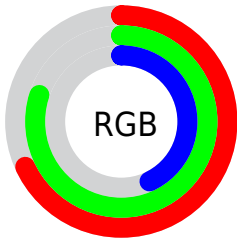
Format	Color
RYB	110, 204, 141
Decimal	11390062
CIELab	78.00, -25.38, 43.24
CIELCh	78, 50.143, 120.410
Yxy	53.2120, 0.3539, 0.4521
Android (android.graphics.Color)	4289580142 (0xFFADCC6E)
YUV	184.0150, -36.4894, -9.6602
Hunter-Lab	72.9466, -25.7281, 32.5032

Details

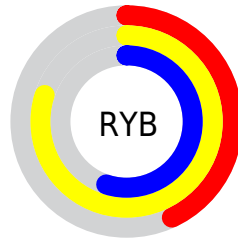
The CIELCh color **78, 50.143, 120.410** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **53, 55.158, 306.131**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 47.022, 118.528**, and **58, 50.345, 120.338** is the 20% darker color. If you saturate the color by 10%, you get **77, 60.054, 119.993**, and if you desaturate by 10%, it is **79, 39.662, 120.923**.

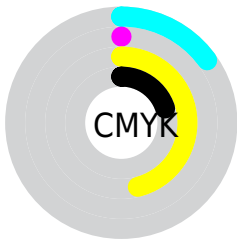
Distribution



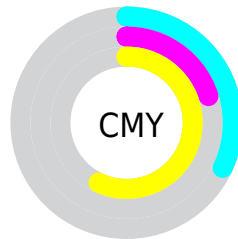
- Red (68%)
- Green (80%)
- Blue (43%)



- Red (43%)
- Yellow (80%)
- Blue (55%)



- Cyan (15%)
- Magenta (0%)
- Yellow (46%)
- Black (20%)





- Cyan (32%)
- Magenta (20%)
- Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 50.143, 120.410 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, 50.143, 120.410 by changing the saturation by 10% instead.


 78, 50.143,
120.410


 78, 50.143,
120.410


 100, 50.143,
120.410


 68, 50.143,
120.410


 98, 50.143,
120.410

 58, 50.143,
120.410

 48, 50.143,
120.410

 38, 50.143,
120.410

 28, 50.143,
120.410

 18, 50.143,
120.410

 8, 50.143, 120.410

■ 0, 50.143, 120.410

■ 78, 50.143,
120.410

■ 78, 50.143,
120.410

■ 77, 60.054,
119.993

■ 79, 39.662,
120.923

■ 77, 69.057,
119.738

■ 80, 28.839,
121.477

■ 76, 76.707,
119.748

■ 80, 17.828,
122.041

■ 76, 82.513,
120.137

■ 81, 6.736, 122.600

■ 75, 86.167,
120.993

■ 82, 4.366, 303.109

■ 75, 87.268,
121.390

■ 84, 15.426,
303.620

■ 85, 26.408,

304.090

■ 85, 28.039,
308.237

■ 86, 28.733,
312.690

Harmonies

Complementary

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



78, 50.143, 120.410



53, 55.158, 306.131

Rectangle

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



78, 50.143, 120.410



78, 50.143, 170.410



78, 50.143, 300.410



78, 50.143, 350.410

Sweetspot

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



78, 50.144, 120.412



98, 18.613, 122.148



64, 33.224, 50.838



52, 12.846, 122.025



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, 50.144, 120.412



94, 70.640, 120.005



75, 57.325, 136.601



43, 6.293, 122.415



62, 74.665, 121.166



13, 23.178, 123.322

Inverse Universe

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



53, 55.158, 306.131



59, 79.685, 306.949



58, 58.270, 321.300



40, 6.407, 303.440



22, 93.476, 308.813



2, 23.953, 300.997

Previews

White Background



This preview shows how the CIELCh color 78, 50.143, 120.410 looks on a white background.

Color Contrast Check

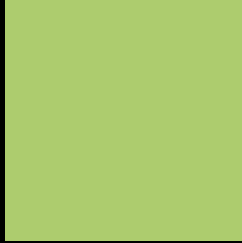
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 78, 50.143, 120.410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

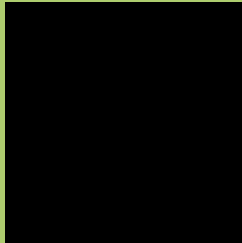
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 50.143, 120.410

Background



This preview shows how black text looks on a background with the CIELCh color 78, 50.143, 120.410.



This preview shows how white text looks on a background with the CIELCh color 78, 50.143, 120.410.

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](#).

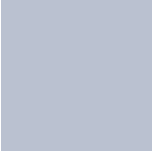
Dichromacy



Original Color
78, 50.143, 120.410

Protanopia
78, 46.119, 95.787

Deuteranopia
78, 42.651, 77.168



Tritanopia
78, 8.359, 273.725

Trichromacy



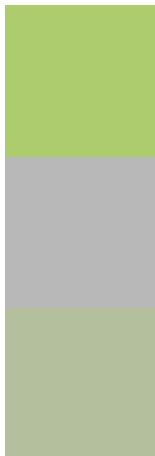
Original Color
78, 50.143, 120.410

Protanomaly
78, 46.652, 105.324

Deuteranomaly
77, 41.884, 94.614

Tritanomaly
78, 14.684, 133.274

Monochromacy



Original Color
78, 50.143, 120.410

Achromatopsia
75, 0.009, 296.813

Achromatomaly
76, 18.686, 121.704

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 50.143, 120.410 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(173, 204, 110)` looks like.

```
.text, #text, p{  
    color:rgb(173, 204, 110)  
}
```

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(173, 204, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 204, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 50.143, 120.410 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(173, 204, 110) }
```

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

```
.border{ border-color:rgb(173, 204, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 204, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 204, 110); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 204, 110); box-shadow:4px 4px 4px 4px rgb(173, 204, 110) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 50.143, 120.410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 204, 110) }
```

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

```
.background{ background-color: rgb(173,  
204, 110) }
```

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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