

Converting Colors

CIELCh(78, 50.702, 141.684)

Have a look what the booklet for
CIELCh(78, 50.702, 141.684)
contains.

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Color

CIELCh(78, 50.424, 141.704)

Conversions

Conversions Part 1

Format	Color
Hex	85D385
RGB	133, 211, 133
RGB Percent	52%, 83%, 52%
CMY	0.4788, 0.1729, 0.4788
CMYK	0.37, 0.00, 0.37, 0.17
HSL	120°, 47%, 67%
HSV	120°, 37%, 83%
XYZ	37.1571, 53.2120, 30.4714
YIQ	178.7860, -21.4500, -40.7940

Conversions

Conversions Part 2

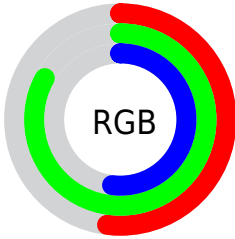
Format	Color
RYB	133, 211, 211
Decimal	8770437
CIELab	78.00, -39.57, 31.25
CIELCh	78, 50.424, 141.704
Yxy	53.2120, 0.3075, 0.4403
Android (android.graphics.Color)	4286960517 (0xFF85D385)
YUV	178.7860, -22.5725, -40.1543
Hunter-Lab	72.9466, -36.7331, 26.2958

Details

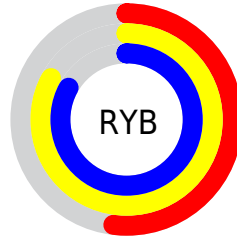
The CIELCh color **78, 50.424, 141.704** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **66, 50.359, 326.424**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 42.216, 141.902**, and **58, 50.619, 141.538** is the 20% darker color. If you saturate the color by 10%, you get **77, 63.305, 140.683**, and if you desaturate by 10%, it is **79, 36.966, 142.607**.

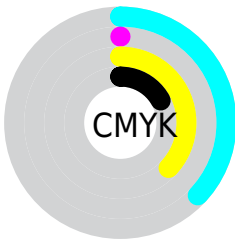
Distribution



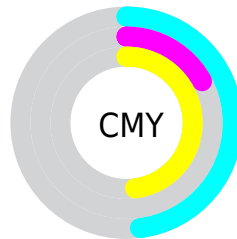
- Red (52%)
- Green (83%)
- Blue (52%)



- Red (52%)
- Yellow (83%)
- Blue (83%)



- Cyan (37%)
- Magenta (0%)
- Yellow (37%)
- Black (17%)





- Cyan (48%)
- Magenta (17%)
- Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 50.424, 141.704 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, 50.424, 141.704 by changing the saturation by 10% instead.


 78, 50.424,
141.704


 78, 50.424,
141.704


 100, 50.424,
141.704


 68, 50.424,
141.704


 98, 50.424,
141.704

 58, 50.424,
141.704

 48, 50.424,
141.704

 38, 50.424,
141.704

 28, 50.424,
141.704

 18, 50.424,
141.704

 8, 50.424, 141.704

■ 0, 50.424, 141.704

■ 78, 50.424,
141.704

■ 78, 50.424,
141.704

■ 77, 63.305,
140.683

■ 79, 36.966,
142.607

■ 76, 75.207,
139.572

■ 81, 23.243,
143.390

■ 75, 85.646,
138.435

■ 83, 9.501, 144.069

■ 74, 94.075,
137.389

■ 85, 4.084, 324.537

■ 74, 99.973,
136.579

■ 87, 17.389,
325.061

■ 74, 103.121,
136.118

■ 89, 27.635,
325.387

■ 74,103.797,
136.016

Harmonies

Complementary

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



78, 50.424, 141.704



66, 50.359, 326.424

Rectangle

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



78, 50.424, 141.704



78, 50.424, 191.704



78, 50.424, 321.704



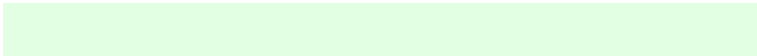
78, 50.424, 11.704

Sweetspot

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



78, 50.425, 141.704



97, 17.514, 143.798



83, 40.330, 106.620



52, 11.777, 143.705



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, 50.425, 141.704



91, 69.418, 140.949



79, 34.645, 160.066



43, 7.681, 143.911



60, 87.744, 136.017



13, 30.537, 142.080

Inverse Universe

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



66, 50.359, 326.424



75, 69.188, 326.789



65, 36.220, 347.255



41, 7.693, 324.937



40, 84.656, 328.235



6, 31.111, 327.826

Previews

White Background



This preview shows how the CIELCh color 78, 50.424, 141.704 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, 50.424, 141.704 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, 50.424, 141.704

Background



This preview shows how black text looks on a background with the CIELCh color 78, 50.424, 141.704.

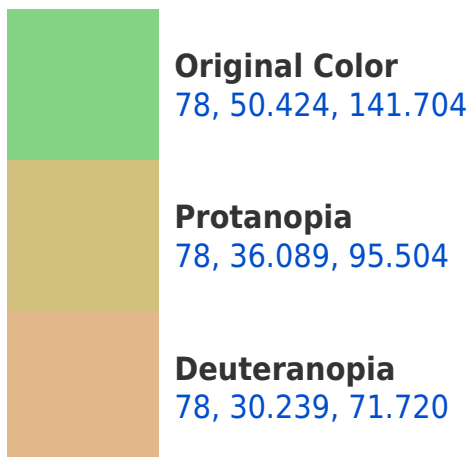


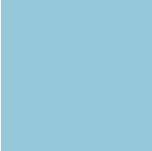
This preview shows how white text looks on a background with the CIELCh color 78, 50.424, 141.704.

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, 18.722, 225.753

Trichromacy



Original Color
78, 50.424, 141.704

Protanomaly
77, 37.941, 117.826

Deuteranomaly
77, 30.136, 108.127

Tritanomaly
78, 24.054, 172.534

Monochromacy



Original Color
78, 50.424, 141.704

Achromatopsia
73, 0.009, 296.813

Achromatomaly
75, 19.158, 143.524

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 50.424, 141.704 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(133, 211, 133)` looks like.

```
.text, #text, p{  
    color:rgb(133, 211, 133)  
}
```

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(133, 211, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 211, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 50.424, 141.704 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(133, 211, 133) }
```

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

```
.border{ border-color:rgb(133, 211, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 211, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 211, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 211, 133);  
box-shadow:4px 4px 4px 4px rgb(133, 211,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 50.424, 141.704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 211, 133) }
```

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

```
.background{ background-color: rgb(133,  
211, 133) }
```

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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