

Converting Colors

CIELCh(78, 47.539, 146.725)

Have a look what the booklet for
CIELCh(78, 47.539, 146.725)
contains.

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Color

CIELCh(78, 47.430, 146.935)

Conversions

Conversions Part 1

Format	Color
Hex	7FD38F
RGB	127, 211, 143
RGB Percent	50%, 83%, 56%
CMY	0.5011, 0.1717, 0.4384
CMYK	0.40, 0.00, 0.32, 0.17
HSL	131°, 49%, 66%
HSV	131°, 40%, 83%
XYZ	37.1038, 53.2120, 34.3812
YIQ	178.1320, -28.2360, -38.9560

Conversions

Conversions Part 2

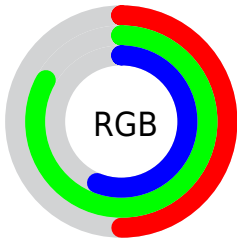
Format	Color
RYB	127, 198, 211
Decimal	8377231
CIELab	78.00, -39.75, 25.88
CIELCh	78, 47.430, 146.935
Yxy	53.2120, 0.2976, 0.4267
Android (android.graphics.Color)	4286567311 (0xFF7FD38F)
YUV	178.1320, -17.3201, -44.8428
Hunter-Lab	72.9466, -36.8636, 23.1180

Details

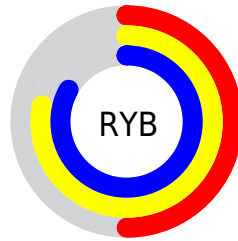
The CIELCh color $78, 47.430, 146.935$ is a light color, and the websafe version is hex $66CC99$. A complement of this color would be $64, 47.538, 332.764$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 39.344, 148.200$, and $58, 47.642, 146.977$ is the 20% darker color. If you saturate the color by 10%, you get $77, 58.673, 145.767$, and if you desaturate by 10%, it is $79, 35.703, 147.949$.

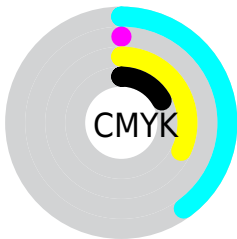
Distribution



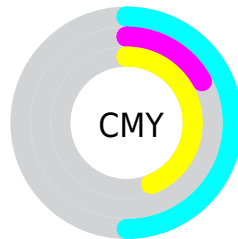
- Red (50%)
- Green (83%)
- Blue (56%)



- Red (50%)
- Yellow (78%)
- Blue (83%)



- Cyan (40%)
- Magenta (0%)
- Yellow (32%)
- Black (17%)





- Cyan (50%)
- Magenta (17%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 47.430, 146.935 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, 47.430, 146.935 by changing the saturation by 10% instead.


 78, 47.430,
146.935


 78, 47.430,
146.935


 100, 47.430,
146.935


 68, 47.430,
146.935


 98, 47.430,
146.935

 58, 47.430,
146.935

 48, 47.430,
146.935

 38, 47.430,
146.935

 28, 47.430,
146.935

 18, 47.430,
146.935

 8, 47.430, 146.935

0, 47.430, 146.935

78, 47.430,
146.935

78, 47.430,
146.935

77, 58.673,
145.767

79, 35.703,
147.949

76, 69.165,
144.439

81, 23.720,
148.825

75, 78.631,
142.960

83, 11.676,
149.589

75, 86.804,
141.369

85, 0.277, 329.057

74, 93.444,
139.744

87, 12.028,
330.740

74, 98.436,
138.248

89, 23.499,
331.239

■ 74, 98.533,
138.220

■ 89, 27.441,
325.380

Harmonies

Complementary

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



78, 47.430, 146.935



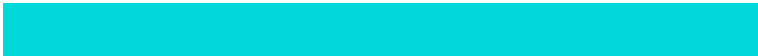
64, 47.538, 332.764

Rectangle

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



78, 47.430, 146.935



78, 47.430, 196.935



78, 47.430, 326.935



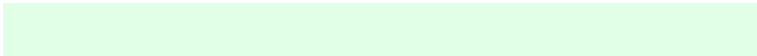
78, 47.430, 16.935

Sweetspot

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



78, 47.431, 146.935



97, 16.726, 149.417



82, 43.786, 114.567



52, 11.101, 149.318



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, 47.431, 146.935



91, 66.046, 145.923



79, 32.039, 170.703



43, 6.721, 149.615



60, 82.693, 138.478



13, 27.705, 145.372

Inverse Universe

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



64, 47.538, 332.764



72, 65.924, 333.375



63, 35.825, 359.582



41, 6.742, 330.745



38, 73.089, 337.498



5, 26.858, 335.201

Previews

White Background



This preview shows how the CIELCh color 78, 47.430, 146.935 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, 47.430, 146.935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

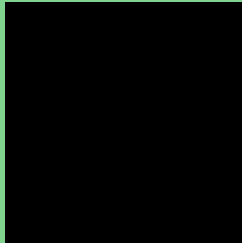
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 47.430, 146.935

Background



This preview shows how black text looks on a background with the CIELCh color 78, 47.430, 146.935.

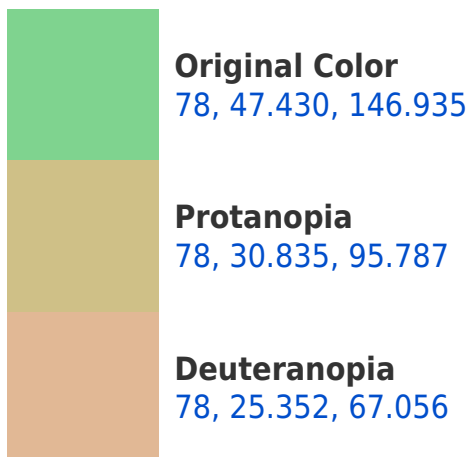


This preview shows how white text looks on a background with the CIELCh color 78, 47.430, 146.935.

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, 20.525, 223.041

Trichromacy



Original Color
78, 47.430, 146.935



Protanomaly
77, 33.240, 121.794



Deuteranomaly
77, 25.018, 112.415

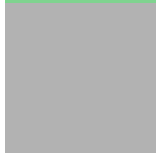


Tritanomaly
78, 24.499, 179.677

Monochromacy



Original Color
78, 47.430, 146.935



Achromatopsia
73, 0.009, 296.813



Achromatomaly
74, 17.659, 148.361

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 47.430, 146.935 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(127, 211, 143)` looks like.

```
.text, #text, p{  
    color:rgb(127, 211, 143)  
}
```

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(127, 211, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 211, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 47.430, 146.935 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(127, 211, 143) }
```

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

```
.border{ border-color:rgb(127, 211, 143) }
```

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

Here you see how a box with a 4 pixel rgb(127, 211, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 211, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 211, 143);  
box-shadow:4px 4px 4px 4px rgb(127, 211,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 47.430, 146.935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 211, 143) }
```

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

```
.background{ background-color: rgb(127,  
211, 143) }
```

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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