

Converting Colors

CIELCh(82, 47.871, 146.099)

Have a look what the booklet for
CIELCh(82, 47.871, 146.099)
contains.

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Color

CIELCh(82, 48.254, 146.007)

Conversions

Conversions Part 1

Format	Color
Hex	8BDF98
RGB	139, 223, 152
RGB Percent	55%, 87%, 60%
CMY	0.4563, 0.1269, 0.4052
CMYK	0.38, 0.00, 0.32, 0.13
HSL	129°, 56%, 71%
HSV	129°, 38%, 87%
XYZ	42.5209, 60.2982, 38.9598
YIQ	189.7900, -27.2730, -39.8890

Conversions

Conversions Part 2

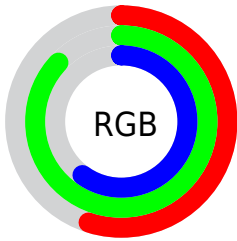
Format	Color
RYB	139, 212, 223
Decimal	9166744
CIELab	82.00, -40.01, 26.98
CIELCh	82, 48.254, 146.007
Yxy	60.2982, 0.2999, 0.4253
Android (android.graphics.Color)	4287356824 (0xFF8BDF98)
YUV	189.7900, -18.6305, -44.5428
Hunter-Lab	77.6519, -38.1471, 24.6091

Details

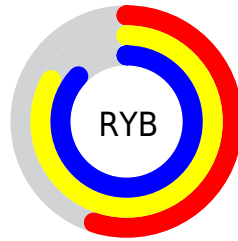
The CIELCh color $82, 48.254, 146.007$ is a light color, and the websafe version is hex $66CC99$. A complement of this color would be $68, 48.309, 331.342$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 32.669, 148.813$, and $62, 48.368, 145.954$ is the 20% darker color. If you saturate the color by 10%, you get $81, 60.408, 144.885$, and if you desaturate by 10%, it is $83, 35.621, 146.980$.

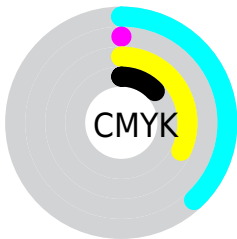
Distribution



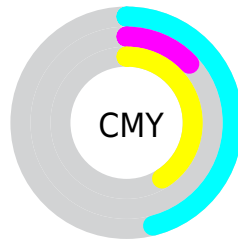
- Red (55%)
- Green (87%)
- Blue (60%)



- Red (55%)
- Yellow (83%)
- Blue (87%)



- Cyan (38%)
- Magenta (0%)
- Yellow (32%)
- Black (13%)



- Cyan (46%)
- Magenta (13%)
- Yellow (41%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 48.254, 146.007 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 82, 48.254, 146.007 by changing the saturation by 10% instead.


 82, 48.254,
146.007


 82, 48.254,
146.007


 100, 48.254,
146.007

 72, 48.254,
146.007

 62, 48.254,
146.007

 52, 48.254,
146.007

 42, 48.254,
146.007

 32, 48.254,
146.007

 22, 48.254,
146.007

 12, 48.254,

146.007

■ 2, 48.254, 146.007

■ 0, 48.254, 146.007

■ 82, 48.254,
146.007

■ 82, 48.254,
146.007

■ 81, 60.408,
144.885

■ 83, 35.621,
146.980

■ 80, 71.786,
143.610

■ 85, 22.757,
147.820

■ 79, 82.073,
142.197

■ 87, 9.866, 148.554


■ 78, 90.942,
140.690


■ 89, 2.894, 329.025


■ 91, 15.412,
329.644

■ 78, 98.085,

139.174

 92, 20.246,
325.128

 78, 103.273,
137.789

 78, 104.207,
137.535

Harmonies

Complementary

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



82, 48.254, 146.007



68, 48.309, 331.342

Rectangle

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



82, 48.254, 146.007



82, 48.254, 196.007



82, 48.254, 326.007



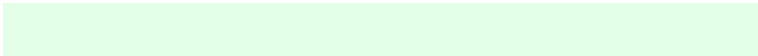
82, 48.254, 16.007

Sweetspot

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



82, 48.255, 146.007



97, 15.720, 148.316



86, 43.276, 113.244



52, 10.570, 148.217



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



82, 48.255, 146.007



91, 63.784, 145.167



83, 32.687, 168.707



46, 7.308, 148.433



63, 86.945, 137.755



16, 32.568, 142.224

Inverse Universe

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



68, 48.309, 331.342



74, 63.664, 331.834



67, 35.862, 356.942



44, 7.326, 329.545



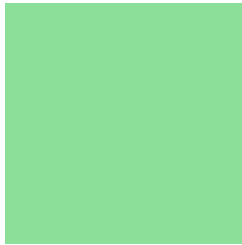
40, 77.545, 335.507



7, 32.353, 334.136

Previews

White Background



This preview shows how the CIELCh color 82, 48.254, 146.007 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 82, 48.254, 146.007 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 82, 48.254, 146.007

Background



This preview shows how black text looks on a background with the CIELCh color 82, 48.254, 146.007.

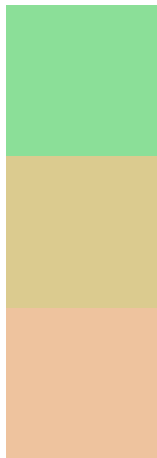


This preview shows how white text looks on a background with the CIELCh color 82, 48.254, 146.007.

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](#).

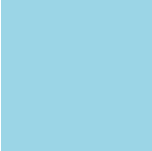
Dichromacy



Original Color
82, 48.254, 146.007

Protanopia
82, 32.140, 95.639

Deuteranopia
82, 26.417, 67.273

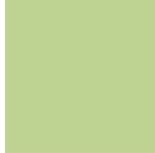


Tritanopia
82, 20.367, 224.708

Trichromacy



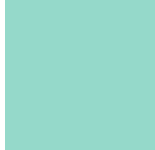
Original Color
82, 48.254, 146.007



Protanomaly
81, 34.321, 120.536



Deuteranomaly
81, 25.756, 110.507

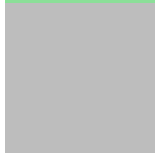


Tritanomaly
82, 24.570, 178.705

Monochromacy



Original Color
82, 48.254, 146.007



Achromatopsia
77, 0.009, 296.813



Achromatomaly
78, 17.891, 147.355

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 48.254, 146.007 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(139, 223, 152)` looks like.

```
.text, #text, p{  
    color:rgb(139, 223, 152)  
}
```

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(139, 223, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 223, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 48.254, 146.007 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(139, 223, 152) }
```

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

```
.border{ border-color:rgb(139, 223, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 223, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 223, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 223, 152);  
box-shadow:4px 4px 4px 4px rgb(139, 223,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 48.254, 146.007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 223, 152) }
```

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

```
.background{ background-color: rgb(139,  
223, 152) }
```

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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