

Converting Colors

CIELCh(82, 49.867, 139.848)

Have a look what the booklet for
CIELCh(82, 49.867, 139.848)
contains.

CIELCh(82, 50.074, 140.046)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(82, 50.074, 140.046)

Conversions

Conversions Part 1

Format	Color
Hex	94DE8E
RGB	148, 222, 142
RGB Percent	58%, 87%, 56%
CMY	0.4207, 0.1306, 0.4442
CMYK	0.33, 0.00, 0.36, 0.13
HSL	116°, 55%, 71%
HSV	116°, 36%, 87%
XYZ	43.0646, 60.2982, 34.8512
YIQ	190.7540, -18.4240, -40.5680

Conversions

Conversions Part 2

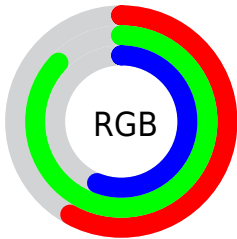
Format	Color
RYB	142, 222, 216
Decimal	9756302
CIELab	82.00, -38.38, 32.16
CIELCh	82, 50.074, 140.046
Yxy	60.2982, 0.3116, 0.4363
Android (android.graphics.Color)	4287946382 (0xFF94DE8E)
YUV	190.7540, -24.0357, -37.4953
Hunter-Lab	77.6519, -36.8973, 27.7462

Details

The CIELCh color **82, 50.074, 140.046** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **69, 50.291, 324.189**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 35.401, 139.425**, and **62, 49.703, 140.107** is the 20% darker color. If you saturate the color by 10%, you get **81, 63.339, 139.174**, and if you desaturate by 10%, it is **84, 36.317, 140.832**.

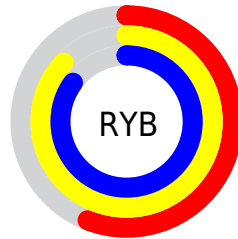
Distribution



Red (58%)

Green (87%)

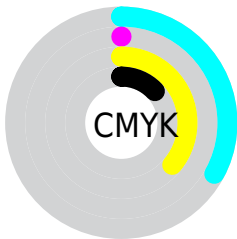
Blue (56%)



Red (56%)

Yellow (87%)

Blue (85%)

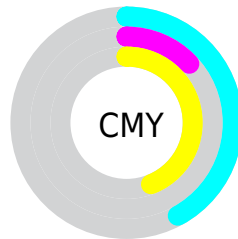


Cyan (33%)

Magenta (0%)

Yellow (36%)

Black (13%)



Cyan (42%)


Magenta (13%)


Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 50.074, 140.046 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, 50.074, 140.046 by changing the saturation by 10% instead.


 82, 50.074,
140.046


 82, 50.074,
140.046


 100, 50.074,
140.046


 72, 50.074,
140.046

 62, 50.074,
140.046

 52, 50.074,
140.046

 42, 50.074,
140.046

 32, 50.074,
140.046

 22, 50.074,
140.046

 12, 50.074,

140.046

■ 2, 50.074, 140.046

■ 0, 50.074, 140.046

■ 82, 50.074,
140.046

■ 82, 50.074,
140.046

■ 81, 63.339,
139.174

■ 84, 36.317,
140.832

■ 80, 75.734,
138.245

■ 85, 22.353,
141.522

■ 79, 86.785,
137.326

■ 87, 8.397, 142.131

■ 78, 95.929,
136.527


■ 89, 5.395, 322.556


■ 91, 18.914,
323.017

■ 78, 102.587,

135.985

 92, 20.836,
325.149

 77, 106.413,
135.802

 77, 107.371,
135.750

Harmonies

Complementary

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



82, 50.074, 140.046



69, 50.291, 324.189

Rectangle

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



82, 50.074, 140.046



82, 50.074, 190.046



82, 50.074, 320.046



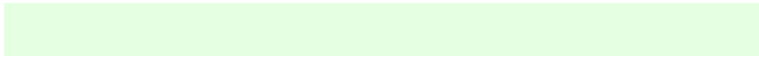
82, 50.074, 10.046

Sweetspot

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



82, 50.075, 140.046



98, 17.092, 141.833



85, 37.972, 102.810



52, 11.493, 141.749



0, 0.000, 0.000



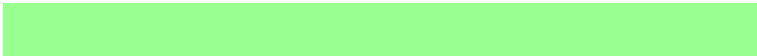
53, 0.007, 296.813

Same Dimension

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



82, 50.075, 140.046



92, 66.439, 139.420



82, 37.675, 156.104



45, 7.797, 141.932



62, 89.283, 135.674



15, 33.025, 138.817

Inverse Universe

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



69, 50.291, 324.189



74, 66.683, 324.511



68, 38.701, 342.561



43, 7.819, 322.868



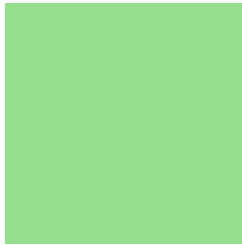
39, 86.935, 325.326



6, 34.268, 325.594

Previews

White Background



This preview shows how the CIELCh color 82, 50.074, 140.046 looks on a white background.

Color Contrast Check

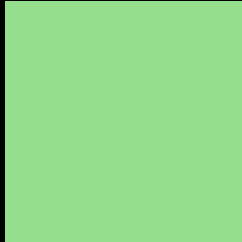
Large Text (above 18pt) WCAG AA × Fail

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, 50.074, 140.046 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, 50.074, 140.046

Background



This preview shows how black text looks on a background with the CIELCh color 82, 50.074, 140.046.

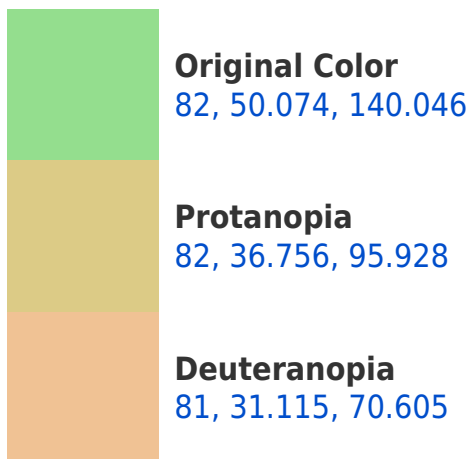


This preview shows how white text looks on a background with the CIELCh color 82, 50.074, 140.046.

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
82, 17.812, 229.062

Trichromacy



Original Color
82, 50.074, 140.046



Protanomaly
81, 38.450, 116.433



Deuteranomaly
81, 30.399, 105.923

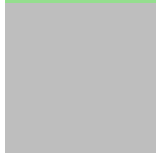


Tritanomaly
82, 22.480, 172.619

Monochromacy



Original Color
82, 50.074, 140.046



Achromatopsia
77, 0.009, 296.813



Achromatomaly
79, 18.982, 140.929

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 50.074, 140.046 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(148, 222, 142)` looks like.

```
.text, #text, p{  
    color:rgb(148, 222, 142)  
}
```

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(148, 222, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 222, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 50.074, 140.046 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(148, 222, 142) }
```

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

```
.border{ border-color:rgb(148, 222, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 222, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 222, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 222, 142);  
box-shadow:4px 4px 4px 4px rgb(148, 222,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 50.074, 140.046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 222, 142) }
```

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

```
.background{ background-color: rgb(148,  
222, 142) }
```

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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