

Converting Colors

CIELCh(85, 41.290, 149.976)

Have a look what the booklet for
CIELCh(85, 41.290, 149.976)
contains.

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Color

CIELCh(85, 41.413, 149.812)

Conversions

Conversions Part 1

Format	Color
Hex	98E6AC
RGB	152, 230, 172
RGB Percent	60%, 90%, 67%
CMY	0.4052, 0.0994, 0.3268
CMYK	0.34, 0.00, 0.25, 0.10
HSL	135°, 61%, 75%
HSV	135°, 34%, 90%
XYZ	48.4994, 66.0070, 49.0472
YIQ	200.0660, -27.8700, -34.5740

Conversions

Conversions Part 2

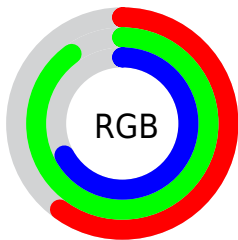
Format	Color
RYB	152, 214, 230
Decimal	10020524
CIELab	85.00, -35.80, 20.82
CIELCh	85, 41.413, 149.812
Yxy	66.0070, 0.2965, 0.4036
Android (android.graphics.Color)	4288210604 (0xFF98E6AC)
YUV	200.0660, -13.8365, -42.1539
Hunter-Lab	81.2447, -35.6219, 21.0781

Details

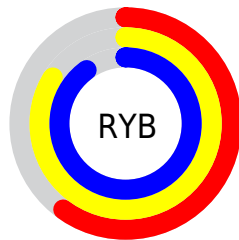
The CIELCh color **85, 41.413, 149.812** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **72, 41.729, 334.953**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 21.594, 158.326**, and **65, 41.567, 149.538** is the 20% darker color. If you saturate the color by 10%, you get **84, 53.166, 148.694**, and if you desaturate by 10%, it is **87, 29.305, 150.780**.

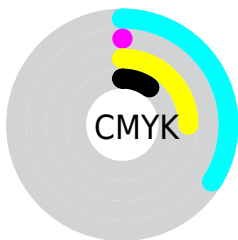
Distribution



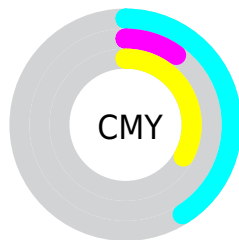
- Red (60%)
- Green (90%)
- Blue (67%)



- Red (60%)
- Yellow (84%)
- Blue (90%)



- Cyan (34%)
- Magenta (0%)
- Yellow (25%)
- Black (10%)





- Cyan (41%)
- Magenta (10%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 41.413, 149.812 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 85, 41.413, 149.812 by changing the saturation by 10% instead.


 85, 41.413,
149.812


 85, 41.413,
149.812


 100, 41.413,
149.812


 75, 41.413,
149.812

 65, 41.413,
149.812

 55, 41.413,
149.812

 45, 41.413,
149.812

 35, 41.413,
149.812


 25, 41.413,
149.812


 15, 41.413,

149.812

 5, 41.413, 149.812

 0, 41.413, 149.812

 85, 41.413,
149.812


 85, 41.413,
149.812

 84, 53.166,
148.694


 87, 29.305,
150.780

 83, 64.319,
147.408

 88, 17.044,
151.624


 82, 74.624,
145.943

 90, 4.803, 152.401


 81, 83.839,
144.307


 93, 7.287, 332.907

 80, 91.757,

 94, 15.838,
324.972

142.532

 80, 98.231,
140.693

 80, 101.469,
139.640

Harmonies

Complementary

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



85, 41.413, 149.812



72, 41.729, 334.953

Rectangle

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



85, 41.413, 149.812



85, 41.413, 199.812



85, 41.413, 329.812



85, 41.413, 19.812

Sweetspot

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



85, 41.415, 149.812



98, 13.266, 151.926



88, 40.595, 117.766



52, 9.058, 151.818



0, 0.000, 0.000



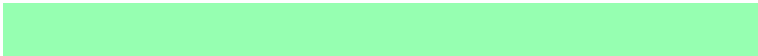
53, 0.007, 296.813

Same Dimension

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



85, 41.415, 149.812



92, 54.133, 149.014



86, 28.243, 176.161



47, 6.915, 151.972



64, 83.412, 139.958



17, 32.094, 143.871

Inverse Universe

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



72, 41.729, 334.953



75, 54.487, 335.523



71, 31.903, 3.495



45, 6.944, 333.176



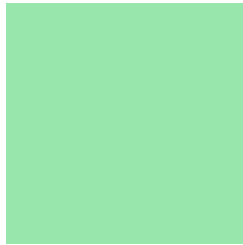
40, 72.737, 341.758



8, 31.364, 339.177

Previews

White Background



This preview shows how the CIE LCh color 85, 41.413, 149.812 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 85, 41.413, 149.812 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 85, 41.413, 149.812

Background



This preview shows how black text looks on a background with the CIELCh color 85, 41.413, 149.812.

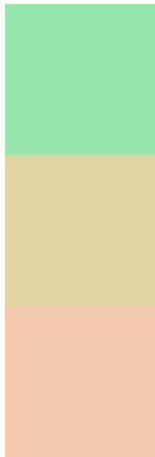


This preview shows how white text looks on a background with the CIELCh color 85, 41.413, 149.812.

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
85, 41.413, 149.812

Protanopia
85, 25.775, 94.648

Deuteranopia
85, 21.279, 59.760

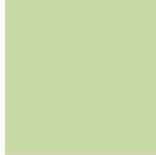


Tritanopia
85, 19.985, 226.824

Trichromacy



Original Color
85, 41.413, 149.812



Protanomaly
85, 28.053, 122.979



Deuteranomaly
84, 19.900, 111.776



Tritanomaly
85, 22.125, 185.455

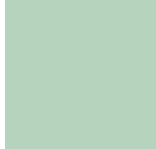
Monochromacy



Original Color
85, 41.413, 149.812



Achromatopsia
81, 0.010, 296.813



Achromatomaly
82, 15.441, 152.375

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 41.413, 149.812 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(152, 230, 172)` looks like.

```
.text, #text, p{  
    color:rgb(152, 230, 172)  
}
```

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(152, 230, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 230, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 41.413, 149.812 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(152, 230, 172) }
```

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

```
.border{ border-color:rgb(152, 230, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 230, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 230, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 230, 172);  
box-shadow:4px 4px 4px 4px rgb(152, 230,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 41.413, 149.812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 230, 172) }
```

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

```
.background{ background-color: rgb(152,  
230, 172) }
```

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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