

Converting Colors

CIELCh(93, 42.067, 146.454)

Have a look what the booklet for
CIELCh(93, 42.067, 146.454)
contains.

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Color

CIELCh(93, 41.890, 146.613)

Conversions

Conversions Part 1

Format	Color
Hex	B2FCBD
RGB	178, 252, 189
RGB Percent	70%, 99%, 74%
CMY	0.3010, 0.0107, 0.2578
CMYK	0.29, 0.00, 0.25, 0.01
HSL	129°, 93%, 84%
HSV	129°, 29%, 99%
XYZ	62.5243, 82.9670, 61.0055
YIQ	222.6920, -23.8810, -35.2810

Conversions

Conversions Part 2

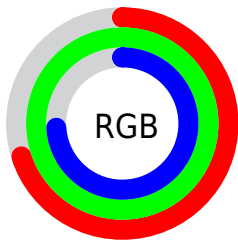
Format	Color
RYB	178, 242, 252
Decimal	11730109
CIELab	93.00, -34.98, 23.05
CIElCh	93, 41.890, 146.613
Yxy	82.9670, 0.3028, 0.4018
Android (android.graphics.Color)	4289920189 (0xFFB2FCBD)
YUV	222.6920, -16.6102, -39.1949
Hunter-Lab	91.0862, -36.8733, 24.0506

Details

The CIELCh color **93, 41.890, 146.613** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **81, 41.988, 330.598**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 8.690, 163.049**, and **73, 42.080, 146.492** is the 20% darker color. If you saturate the color by 10%, you get **91, 55.860, 145.609**, and if you desaturate by 10%, it is **95, 27.617, 147.479**.

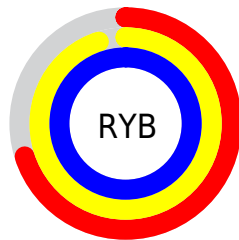
Distribution



Red (70%)

Green (99%)

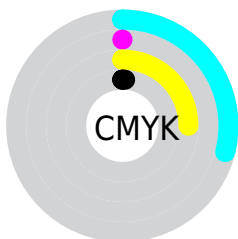
Blue (74%)



Red (70%)

Yellow (95%)

Blue (99%)

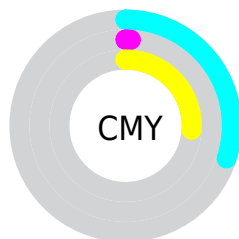


Cyan (29%)

Magenta (0%)

Yellow (25%)

Black (1%)



Cyan (30%)


Magenta (1%)


Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 41.890, 146.613 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 93, 41.890, 146.613 by changing the saturation by 10% instead.


 93, 41.890,
146.613


 93, 41.890,
146.613


 100, 41.890,
146.613


 83, 41.890,
146.613

 73, 41.890,
146.613

 63, 41.890,
146.613


 53, 41.890,
146.613

 43, 41.890,
146.613


 33, 41.890,
146.613


 23, 41.890,


146.613


 13, 41.890,
146.613


 3, 41.890, 146.613


 93, 41.890,
146.613


 93, 41.890,
146.613

 91, 55.860,
145.609


 95, 27.617,
147.479

 90, 69.228,
144.453

 97, 13.277,
148.230

 89, 81.654,
143.145

 99, 0.942, 328.463

 88, 92.773,
141.707

 99, 1.704, 324.320

■ 88, 102.210,
140.195

■ 87, 109.618,
138.709

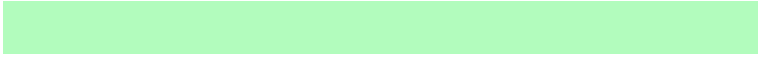
■ 87, 114.780,
137.410

■ 87, 115.051,
137.342

Harmonies

Complementary

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



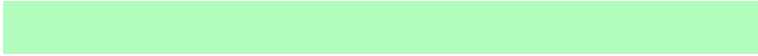
93, 41.890, 146.613



81, 41.988, 330.598

Rectangle

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



93, 41.890, 146.613



93, 41.890, 196.613



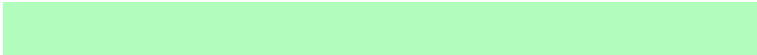
93, 41.890, 326.613



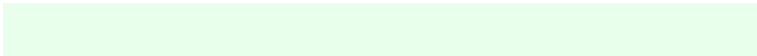
93, 41.890, 16.613

Sweetspot

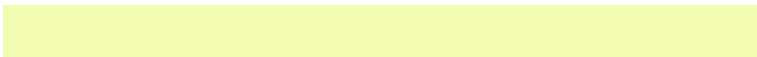
The Sweet Spot groups the original color and five complimentary colors.



93, 41.892, 146.613



98, 12.904, 148.254



97, 37.450, 113.130



52, 8.975, 148.150



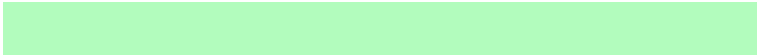
0, 0.000, 0.000



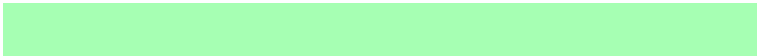
53, 0.007, 296.813

Same Dimension

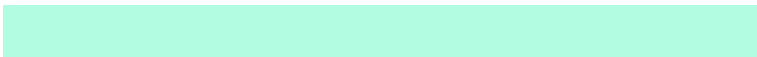
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 41.892, 146.613



93, 50.290, 146.061



94, 28.884, 168.599



51, 8.020, 148.219



67, 91.974, 137.577



22, 39.357, 139.975

Inverse Universe

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



81, 41.988, 330.598



79, 50.363, 330.961



80, 30.898, 354.648



49, 8.040, 329.342



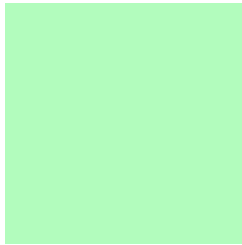
43, 82.034, 335.198



11, 37.657, 334.192

Previews

White Background



This preview shows how the CIE LCh color 93, 41.890, 146.613 looks on a white background.

Color Contrast Check

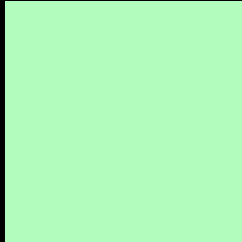
Large Text (above 18pt) WCAG AA × Fail

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 93, 41.890, 146.613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

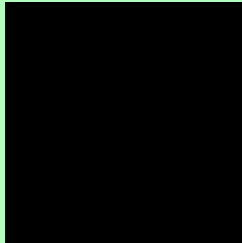
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 41.890, 146.613

Background



This preview shows how black text looks on a background with the CIELCh color 93, 41.890, 146.613.

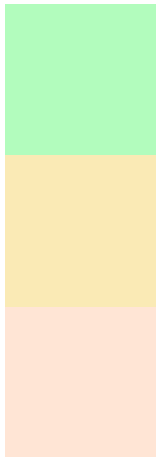


This preview shows how white text looks on a background with the CIELCh color 93, 41.890, 146.613.

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
93, 41.890, 146.613

Protanopia
93, 27.859, 95.083

Deuteranopia
93, 12.740, 59.953

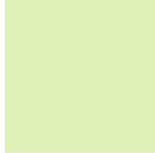


Tritanopia
93, 13.991, 232.561

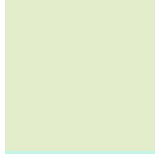
Trichromacy



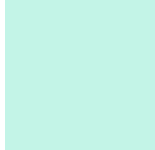
Original Color
93, 41.890, 146.613



Protanomaly
93, 29.807, 120.353



Deuteranomaly
92, 17.368, 121.120

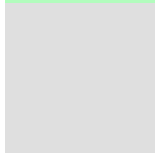


Tritanomaly
93, 18.187, 176.518

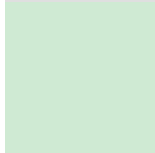
Monochromacy



Original Color
93, 41.890, 146.613



Achromatopsia
89, 0.011, 296.813



Achromatomaly
90, 15.459, 148.062

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 41.890, 146.613 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(178, 252, 189)` looks like.

```
.text, #text, p{  
    color:rgb(178, 252, 189)  
}
```

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(178, 252, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 252, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 41.890, 146.613 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(178, 252, 189) }
```

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

```
.border{ border-color:rgb(178, 252, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 252, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 252, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 252, 189);  
box-shadow:4px 4px 4px 4px rgb(178, 252,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 41.890, 146.613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 252, 189) }
```

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

```
.background{ background-color: rgb(178,  
252, 189) }
```

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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