

Converting Colors

CIELCh(100, 58.721, 145.178)

Have a look what the booklet for
CIELCh(100, 58.721, 145.178)
contains.

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Color

CIELCh(93, 45.323, 146.756)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | ADFEBA |
| RGB | 173, 254, 186 |
| RGB Percent | 68%, 100%, 73% |
| CMY | 0.3231, 0.0057, 0.2720 |
| CMYK | 0.32, 0.00, 0.27, 0.01 |
| HSL | 130°, 97%, 84% |
| HSV | 130°, 32%, 99% |
| XYZ | 61.2695, 82.9670, 59.0350 |
| YIQ | 222.0290, -26.4480, -38.3200 |

Conversions

Conversions Part 2

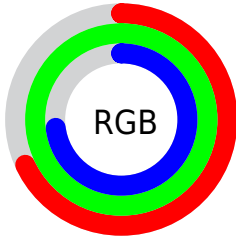
| Format | Color |
|-------------------------------------|---------------------------------|
| R_{YB} | 173, 243, 254 |
| Decimal | 11402938 |
| CIE _{Lab} | 93.00, -37.91, 24.85 |
| CIE _{LCh} | 93, 45.323, 146.756 |
| Yxy | 82.9670, 0.3014, 0.4082 |
| Android (android.graphics.Color) | 4289593018 (0xFFADFEBA) |
| YUV | 222.0290, -17.7623, -42.9984 |
| Hunter-Lab | 91.0862, -39.3322, 25.3332 |

Details

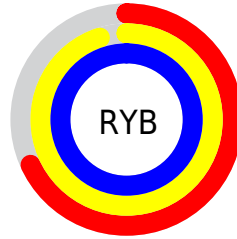
The CIELCh color **93, 45.323, 146.756** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **80, 45.435, 331.194**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 11.025, 161.816**, and **73, 45.199, 146.903** is the 20% darker color. If you saturate the color by 10%, you get **91, 59.103, 145.707**, and if you desaturate by 10%, it is **95, 31.173, 147.661**.

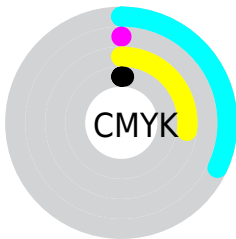
Distribution



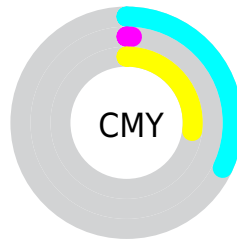
- Red (68%)
- Green (100%)
- Blue (73%)



- Red (68%)
- Yellow (95%)
- Blue (100%)



- Cyan (32%)
- Magenta (0%)
- Yellow (27%)
- Black (1%)





- Cyan (32%)
- Magenta (1%)
- Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 45.323, 146.756 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, 45.323, 146.756 by changing the saturation by 10% instead.


 93, 45.323,
146.756


 93, 45.323,
146.756


 100, 45.323,
146.756


 83, 45.323,
146.756

 73, 45.323,
146.756

 63, 45.323,
146.756


 53, 45.323,
146.756

 43, 45.323,
146.756


 33, 45.323,
146.756


 23, 45.323,


146.756


 13, 45.323,
146.756


 3, 45.323, 146.756


 93, 45.323,
146.756

 93, 45.323,
146.756

 91, 59.103,
145.707


 95, 31.173,
147.661

 90, 72.205,
144.503

 97, 16.899,
148.443

 89, 84.292,
143.145

 99, 2.702, 149.217

 88, 95.006,
141.659

100, 0.906,
324.132

■ 88, 103.992,
140.107

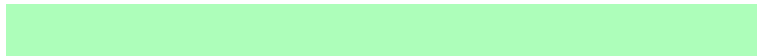
■ 88, 110.939,
138.595

■ 87, 114.965,
137.533

Harmonies

Complementary

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



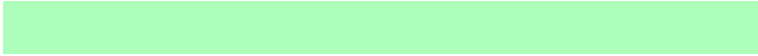
93, 45.323, 146.756



80, 45.435, 331.194

Rectangle

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



93, 45.323, 146.756



93, 45.323, 196.756



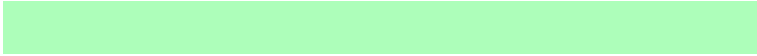
93, 45.323, 326.756



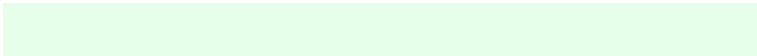
93, 45.323, 16.756

Sweetspot

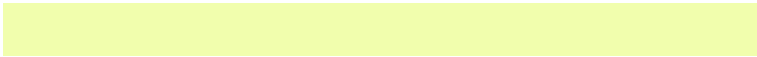
The Sweet Spot groups the original color and five complimentary colors.



93, 45.325, 146.756



98, 14.220, 148.583



97, 40.900, 113.650



52, 9.710, 148.481



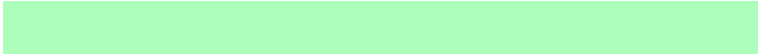
0, 0.000, 0.000



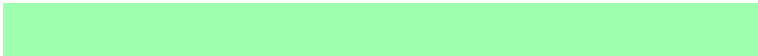
53, 0.007, 296.813

Same Dimension

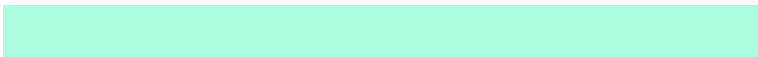
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 45.325, 146.756



93, 54.005, 146.136



94, 31.044, 169.372



52, 8.082, 148.618



68, 92.465, 137.772



23, 40.338, 140.024

Inverse Universe

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



80, 45.435, 331.194



77, 54.070, 331.592



79, 33.589, 356.124



50, 8.104, 329.753



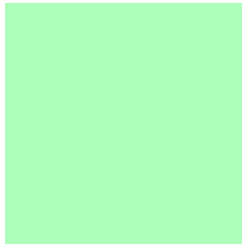
44, 82.066, 335.893



12, 38.321, 334.825

Previews

White Background



This preview shows how the CIE LCh color 93, 45.323, 146.756 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, 45.323, 146.756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

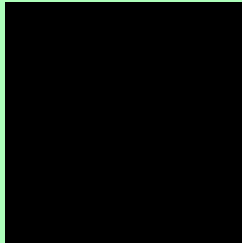
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 45.323, 146.756

Background



This preview shows how black text looks on a background with the CIELCh color 93, 45.323, 146.756.

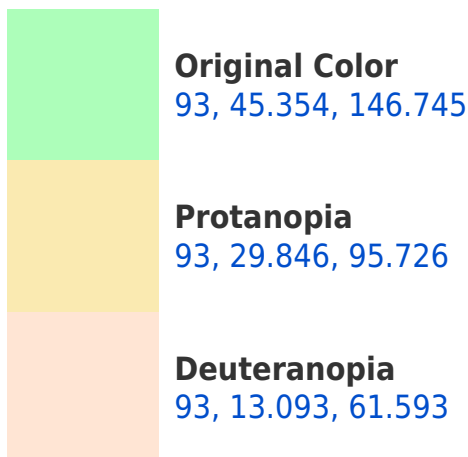


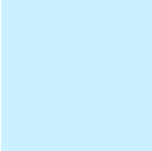
This preview shows how white text looks on a background with the CIELCh color 93, 45.323, 146.756.

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



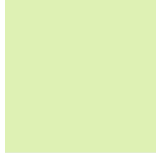


Tritanopia
93, 14.545, 228.653

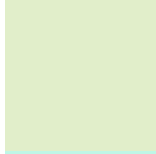
Trichromacy



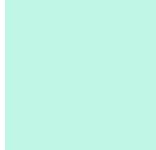
Original Color
93, 45.354, 146.745



Protanomaly
92, 31.949, 120.781

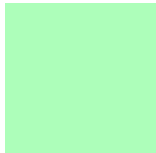


Deuteranomaly
92, 19.121, 123.285

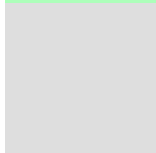


Tritanomaly
93, 20.648, 174.449

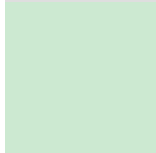
Monochromacy



Original Color
93, 45.354, 146.745



Achromatopsia
88, 0.011, 296.813



Achromatomaly
90, 16.338, 148.786

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 45.323, 146.756 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(173, 254, 186)` looks like.

```
.text, #text, p{  
    color:rgb(173, 254, 186)  
}
```

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(173, 254, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 254, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 45.323, 146.756 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(173, 254, 186) }
```

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

```
.border{ border-color:rgb(173, 254, 186) }
```

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

Here you see how a box with a 4 pixel rgb(173, 254, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 254, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 254, 186);  
box-shadow:4px 4px 4px 4px rgb(173, 254,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 45.323, 146.756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 254, 186) }
```

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

```
.background{ background-color: rgb(173,  
254, 186) }
```

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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