

Converting Colors

CIELCh(93, 45.324, 150.883)

Have a look what the booklet for
CIELCh(93, 45.324, 150.883)
contains.

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Color

CIELCh(93, 45.092, 150.998)

Conversions

Conversions Part 1

Format	Color
Hex	A5FEBF
RGB	165, 254, 191
RGB Percent	65%, 100%, 75%
CMY	0.3514, 0.0023, 0.2494
CMYK	0.35, 0.00, 0.25, 0.00
HSL	138°, 99%, 82%
HSV	138°, 35%, 100%
XYZ	60.6199, 82.9670, 62.3351
YIQ	220.2070, -32.8210, -38.4610

Conversions

Conversions Part 2

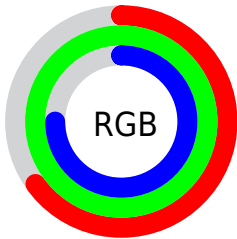
Format	Color
R _Y B	165, 234, 254
Decimal	10878655
CIE Lab	93.00, -39.44, 21.86
CIE LCh	93, 45.092, 150.998
Yxy	82.9670, 0.2944, 0.4029
Android (android.graphics.Color)	4289068735 (0xFFA5FEBF)
YUV	220.2070, -14.3991, -48.4165
Hunter-Lab	91.0862, -40.6053, 23.1851

Details

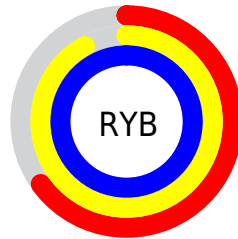
The CIELCh color **93, 45.092, 150.998** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **78, 45.571, 336.544**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 11.912, 181.198**, and **73, 45.240, 150.717** is the 20% darker color. If you saturate the color by 10%, you get **92, 57.440, 149.835**, and if you desaturate by 10%, it is **95, 32.331, 152.007**.

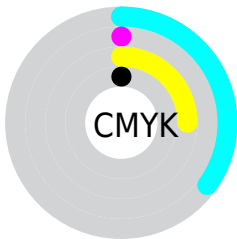
Distribution



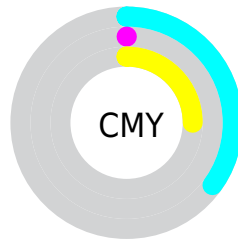
- Red (65%)
- Green (100%)
- Blue (75%)



- Red (65%)
- Yellow (92%)
- Blue (100%)



- Cyan (35%)
- Magenta (0%)
- Yellow (25%)
- Black (0%)




- Cyan (35%)
- Magenta (0%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 45.092, 150.998 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, 45.092, 150.998 by changing the saturation by 10% instead.


 93, 45.092,
150.998


 93, 45.092,
150.998


 100, 45.092,
150.998

 83, 45.092,
150.998

 73, 45.092,
150.998

 63, 45.092,
150.998

 53, 45.092,
150.998

 43, 45.092,
150.998

 33, 45.092,
150.998

 23, 45.092,

150.998

■ 13, 45.092,
150.998

■ 3, 45.092, 150.998

■ 93, 45.092,
150.998

■ 93, 45.092,
150.998

■ 92, 57.440,
149.835

■ 95, 32.331,
152.007

■ 90, 69.120,
148.497

■ 97, 19.377,
152.886

■ 89, 79.878,
146.972

■ 99, 6.415, 153.686

■ 89, 89.479,
145.261

100, 0.371,
323.620

■ 88, 97.738,
143.395

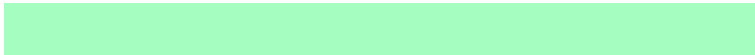
■ 88, 104.547,
141.442

■ 88, 107.458,
140.500

Harmonies

Complementary

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



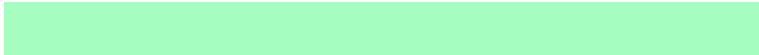
93, 45.092, 150.998



78, 45.571, 336.544

Rectangle

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



93, 45.092, 150.998



93, 45.092, 200.998



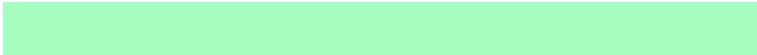
93, 45.092, 330.998



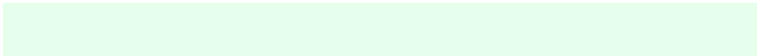
93, 45.092, 20.998

Sweetspot

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



93, 45.094, 150.998



98, 12.924, 153.288



96, 45.650, 119.071



52, 8.823, 153.176



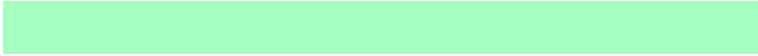
0, 0.000, 0.000



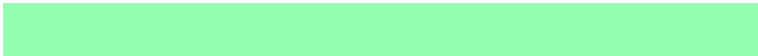
53, 0.007, 296.813

Same Dimension

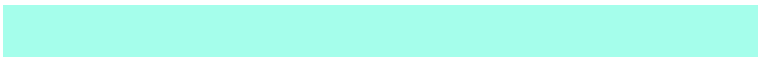
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 45.094, 150.998



92, 53.906, 150.199



94, 30.824, 178.585



52, 7.346, 153.327



68, 85.991, 140.854



23, 37.072, 143.712

Inverse Universe

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



78, 45.571, 336.544



75, 54.438, 337.142



77, 35.513, 6.165



50, 7.382, 334.583



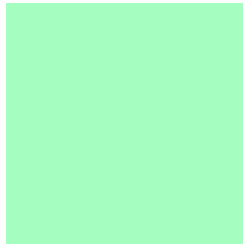
43, 74.699, 344.350



11, 35.185, 341.868

Previews

White Background



This preview shows how the CIE LCh color 93, 45.092, 150.998 looks on a white background.

Color Contrast Check

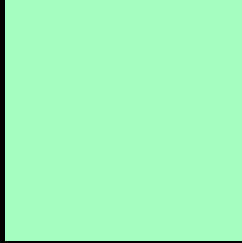
Large Text (above 18pt) WCAG AA × Fail

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, 45.092, 150.998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

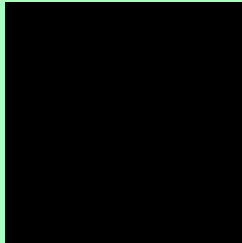
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 45.092, 150.998

Background



This preview shows how black text looks on a background with the CIELCh color 93, 45.092, 150.998.

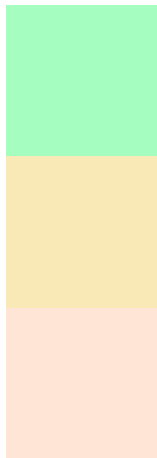


This preview shows how white text looks on a background with the CIELCh color 93, 45.092, 150.998.

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, 45.092, 150.998

Protanopia
92, 26.888, 94.703

Deuteranopia
93, 12.399, 58.219

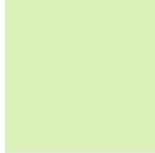


Tritanopia
93, 15.086, 227.449

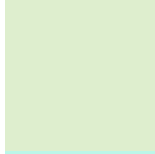
Trichromacy



Original Color
93, 45.092, 150.998



Protanomaly
92, 29.816, 124.054



Deuteranomaly
92, 17.504, 128.470

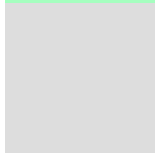


Tritanomaly
93, 21.357, 178.182

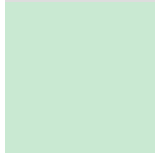
Monochromacy



Original Color
93, 45.092, 150.998



Achromatopsia
88, 0.010, 296.813



Achromatomaly
90, 16.657, 152.577

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 45.092, 150.998 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(165, 254, 191)` looks like.

```
.text, #text, p{  
    color:rgb(165, 254, 191)  
}
```

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(165, 254, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 254, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 45.092, 150.998 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(165, 254, 191) }
```

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

```
.border{ border-color:rgb(165, 254, 191) }
```

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

Here you see how a box with a 4 pixel rgb(165, 254, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 254, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 254, 191);  
box-shadow:4px 4px 4px 4px rgb(165, 254,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 45.092, 150.998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 254, 191) }
```

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

```
.background{ background-color: rgb(165,  
254, 191) }
```

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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