

Converting Colors

CIELCh(93, 43.150, 157.251)

Have a look what the booklet for
CIELCh(93, 43.150, 157.251)
contains.

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Color

CIElCh(93, 43.456, 157.078)

Conversions

Conversions Part 1

Format	Color
Hex	9EFFC9
RGB	158, 255, 201
RGB Percent	62%, 100%, 79%
CMY	0.3806, 0.0002, 0.2119
CMYK	0.38, 0.00, 0.21, 0.00
HSL	147°, 100%, 81%
HSV	147°, 38%, 100%
XYZ	60.3722, 82.9670, 68.0618
YIQ	219.8410, -40.4780, -37.3580

Conversions

Conversions Part 2

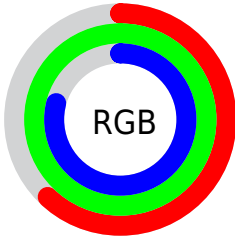
Format	Color
RYB	158, 225, 255
Decimal	10420169
CIELab	93.00, -40.02, 16.93
CIELCh	93, 43.456, 157.078
Yxy	82.9670, 0.2856, 0.3925
Android (android.graphics.Color)	4288610249 (0xFF9EFFC9)
YUV	219.8410, -9.2886, -54.2346
Hunter-Lab	91.0862, -41.0907, 19.4575

Details

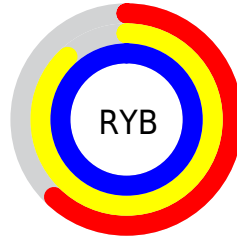
The CIELCh color **93, 43.456, 157.078** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **76, 44.916, 344.228**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 13.412, 198.611**, and **73, 43.556, 157.047** is the 20% darker color. If you saturate the color by 10%, you get **92, 54.118, 155.788**, and if you desaturate by 10%, it is **95, 32.305, 158.210**.

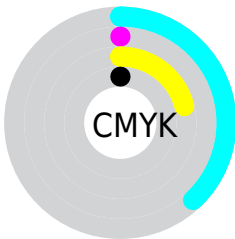
Distribution



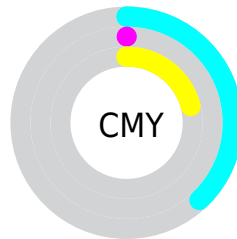
- Red (62%)
- Green (100%)
- Blue (79%)



- Red (62%)
- Yellow (88%)
- Blue (100%)



- Cyan (38%)
- Magenta (0%)
- Yellow (21%)
- Black (0%)





- Cyan (38%)
- Magenta (0%)
- Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 43.456, 157.078 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, 43.456, 157.078 by changing the saturation by 10% instead.


 93, 43.456,
157.078


 93, 43.456,
157.078


 100, 43.456,
157.078


 83, 43.456,
157.078

 73, 43.456,
157.078

 63, 43.456,
157.078

 53, 43.456,
157.078

 43, 43.456,
157.078

 33, 43.456,
157.078

 23, 43.456,

157.078

■ 13, 43.456,
157.078

■ 3, 43.456, 157.078

■ 93, 43.456,
157.078

■ 93, 43.456,
157.078

■ 92, 54.118,
155.788

■ 95, 32.305,
158.210

■ 91, 64.080,
154.318

■ 96, 20.857,
159.213

■ 90, 73.155,
152.644

■ 98, 9.289, 160.125

■ 89, 81.201,
150.756

100, 0.039,
316.439

■ 89, 88.154,
148.664

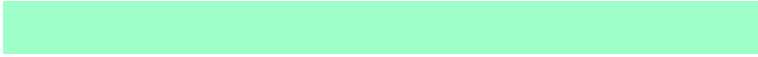
■ 88, 94.069,
146.419

■ 88, 95.152,
145.992

Harmonies

Complementary

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



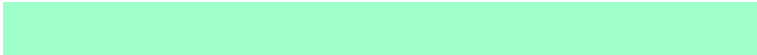
93, 43.456, 157.078



76, 44.916, 344.228

Rectangle

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



93, 43.456, 157.078



93, 43.456, 207.078



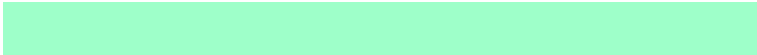
93, 43.456, 337.078



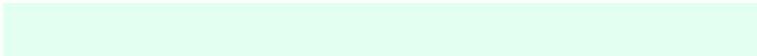
93, 43.456, 27.078

Sweetspot

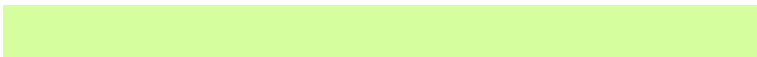
The Sweet Spot groups the original color and five complimentary colors.



93, 43.457, 157.077



98, 12.711, 159.861



95, 51.169, 124.823



52, 8.543, 159.739



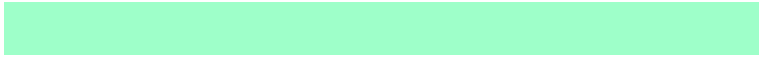
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



93, 43.457, 157.077



92, 51.994, 156.066



94, 30.592, 191.211



52, 6.567, 159.994



68, 75.957, 146.413



23, 32.687, 149.604

Inverse Universe

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



76, 44.916, 344.228



72, 53.911, 345.188



75, 38.730, 18.076



50, 6.634, 341.436



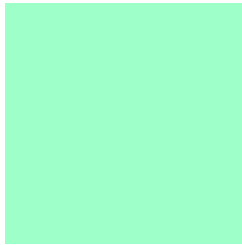
41, 69.194, 356.824



11, 32.516, 352.121

Previews

White Background



This preview shows how the CIE LCh color 93, 43.456, 157.078 looks on a white background.

Color Contrast Check

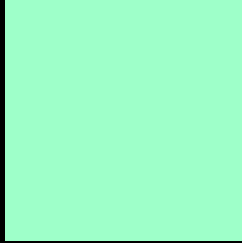
Large Text (above 18pt) WCAG AA × Fail

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, 43.456, 157.078 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, 43.456, 157.078

Background



This preview shows how black text looks on a background with the CIELCh color 93, 43.456, 157.078.

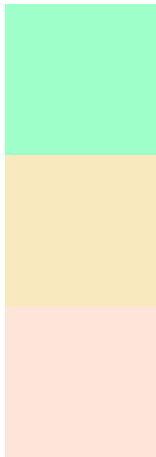


This preview shows how white text looks on a background with the CIELCh color 93, 43.456, 157.078.

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, 43.456, 157.078

Protanopia
93, 22.818, 93.777

Deuteranopia
92, 11.507, 49.317

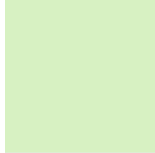


Tritanopia
93, 15.987, 223.537

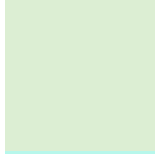
Trichromacy



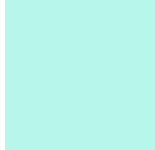
Original Color
93, 43.456, 157.078



Protanomaly
92, 25.999, 130.038



Deuteranomaly
92, 15.412, 134.192

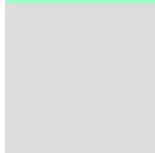


Tritanomaly
93, 22.402, 181.848

Monochromacy



Original Color
93, 43.456, 157.078



Achromatopsia
88, 0.010, 296.813



Achromatomaly
89, 16.588, 159.519

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 43.456, 157.078 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(158, 255, 201)` looks like.

```
.text, #text, p{  
    color:rgb(158, 255, 201)  
}
```

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(158, 255, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 255, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 43.456, 157.078 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(158, 255, 201) }
```

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

```
.border{ border-color:rgb(158, 255, 201) }
```

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

Here you see how a box with a 4 pixel rgb(158, 255, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 255, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 255, 201);  
box-shadow:4px 4px 4px 4px rgb(158, 255,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 43.456, 157.078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 255, 201) }
```

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

```
.background{ background-color: rgb(158,  
255, 201) }
```

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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