

Converting Colors

CIELCh(98, 50.845, 156.288)

Have a look what the booklet for
CIELCh(98, 50.845, 156.288)
contains.

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Color

CIELCh(93, 41.207, 160.914)

Conversions

Conversions Part 1

Format	Color
Hex	9DFFD0
RGB	157, 255, 208
RGB Percent	62%, 100%, 82%
CMY	0.3856, 0.0014, 0.1856
CMYK	0.38, 0.00, 0.18, 0.00
HSL	151°, 99%, 81%
HSV	151°, 38%, 100%
XYZ	60.8296, 82.9670, 72.2661
YIQ	220.3400, -43.3210, -35.3930

Conversions

Conversions Part 2

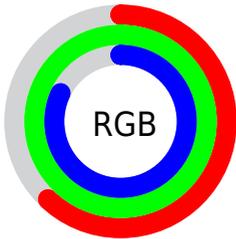
Format	Color
RYB	157, 221, 255
Decimal	10354640
CIELab	93.00, -38.94, 13.47
CIELCh	93, 41.207, 160.914
Yxy	82.9670, 0.2815, 0.3840
Android (android.graphics.Color)	4288544720 (0xFF9DFFD0)
YUV	220.3400, -6.0836, -55.5492
Hunter-Lab	91.0862, -40.1943, 16.7208

Details

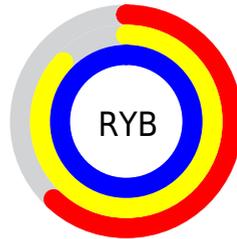
The CIELCh color **93, 41.207, 160.914** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **76, 43.394, 348.713**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 13.412, 198.611**, and **73, 41.146, 161.027** is the 20% darker color. If you saturate the color by 10%, you get **92, 51.049, 159.591**, and if you desaturate by 10%, it is **94, 30.841, 162.086**.

Distribution



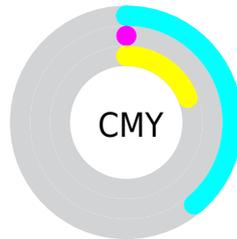
- Red (62%)
- Green (100%)
- Blue (82%)



- Red (62%)
- Yellow (87%)
- Blue (100%)



- Cyan (38%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)



- Cyan (39%)
- Magenta (0%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 41.207, 160.914 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, 41.207, 160.914 by changing the saturation by 10% instead.

 93, 41.207,
160.914

 93, 41.207,
160.914

 100, 41.207,
160.914

 83, 41.207,
160.914

 73, 41.207,
160.914

 63, 41.207,
160.914

 53, 41.207,
160.914

 43, 41.207,
160.914

 33, 41.207,
160.914

 23, 41.207,

160.914

■ 13, 41.207,
160.914

■ 3, 41.207, 160.914

■ 93, 41.207,
160.914

■ 93, 41.207,
160.914

■ 92, 51.049,
159.591

■ 94, 30.841,
162.086

■ 91, 60.175,
158.092

■ 96, 20.132,
163.135

■ 90, 68.420,
156.393

■ 98, 9.251, 164.099

■ 89, 75.669,
154.478

100, 0.225,
323.075

■ 89, 81.890,
152.347

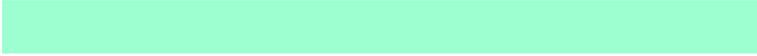
■ 88, 87.179,
150.048

■ 88, 87.942,
149.706

Harmonies

Complementary

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



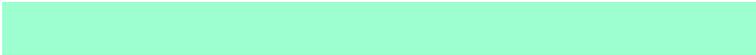
93, 41.207, 160.914



76, 43.394, 348.713

Rectangle

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



93, 41.207, 160.914



93, 41.207, 210.914



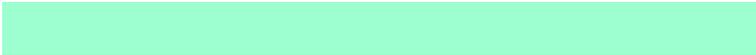
93, 41.207, 340.914



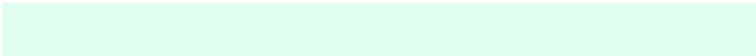
93, 41.207, 30.914

Sweetspot

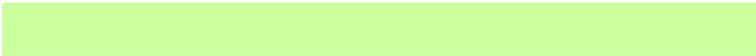
The Sweet Spot groups the original color and five complimentary colors.



93, 41.208, 160.913



98, 13.105, 163.765



95, 52.794, 127.837



52, 8.691, 163.641



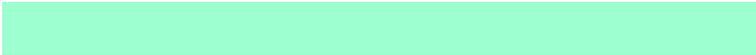
0, 0.000, 0.000



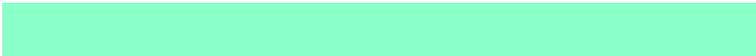
53, 0.007, 296.813

Same Dimension

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



93, 41.208, 160.913



92, 48.720, 159.934



94, 29.625, 199.234



52, 6.209, 164.002



68, 70.287, 150.138



23, 30.347, 153.374

Inverse Universe

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



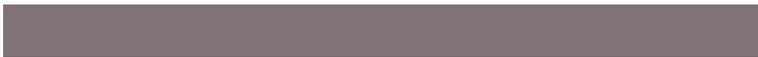
76, 43.394, 348.713



72, 51.677, 349.767



75, 39.103, 24.280



50, 6.296, 345.542



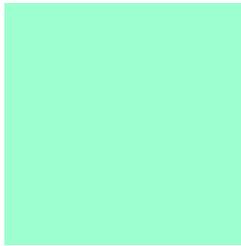
41, 68.077, 4.079



10, 31.690, 358.164

Previews

White Background



This preview shows how the CIE LCh color 93, 41.207, 160.914 looks on a white background.

Color Contrast Check

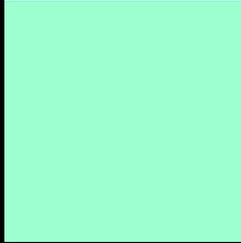
Large Text (above 18pt) WCAG AA × Fail

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, 41.207, 160.914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

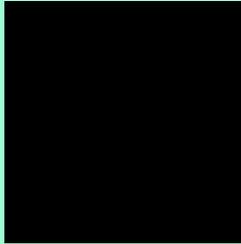
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 41.207, 160.914

Background



This preview shows how black text looks on a background with the CIELCh color 93, 41.207, 160.914.



This preview shows how white text looks on a background with the CIELCh color 93, 41.207, 160.914.

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](#).

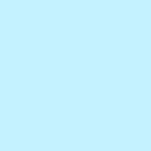
Dichromacy



Original Color
93, 41.207, 160.914

Protanopia
93, 19.141, 93.744

Deuteranopia
93, 10.779, 42.357

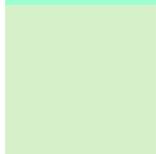


Tritanopia
93, 16.264, 223.069

Trichromacy



Original Color
93, 41.207, 160.914



Protanomaly
92, 22.869, 134.206

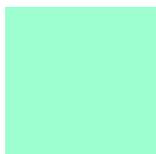


Deuteranomaly
92, 13.303, 140.239



Tritanomaly
93, 22.165, 185.828

Monochromacy



Original Color
93, 41.207, 160.914



Achromatopsia
88, 0.010, 296.813



Achromatomaly
89, 15.592, 163.839

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 41.207, 160.914 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(157, 255, 208)` looks like.

```
.text, #text, p{  
    color:rgb(157, 255, 208)  
}
```

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(157, 255, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 255, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 41.207, 160.914 is called "border". The border property can be set on classes, ids or directly on the HTML element.

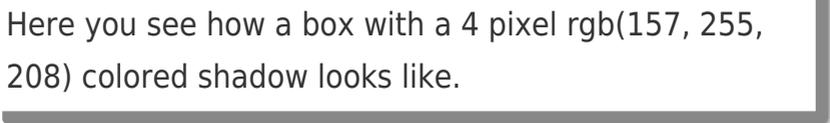
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 255, 208) }
```

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

```
.border{ border-color:rgb(157, 255, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 255, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 255, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 255, 208);  
box-shadow:4px 4px 4px 4px rgb(157, 255,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 41.207, 160.914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 255, 208) }
```

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

```
.background{ background-color: rgb(157,  
255, 208) }
```

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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