

Converting Colors

CIELCh(93, 43.859, 165.484)

Have a look what the booklet for
CIELCh(93, 43.859, 165.484)
contains.

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Color

CIElCh(93, 43.314, 165.875)

Conversions

Conversions Part 1

Format	Color
Hex	8FFFD5
RGB	143, 255, 213
RGB Percent	56%, 100%, 84%
CMY	0.4384, 0.0000, 0.1641
CMYK	0.44, 0.00, 0.16, 0.00
HSL	158°, 100%, 78%
HSV	158°, 44%, 100%
XYZ	59.5417, 82.9670, 75.9351
YIQ	216.7240, -53.2700, -36.8060

Conversions

Conversions Part 2

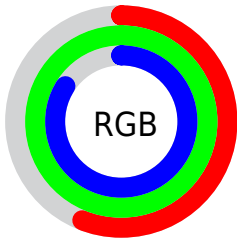
Format	Color
RYB	143, 212, 255
Decimal	9437141
CIELab	93.00, -42.00, 10.57
CIElCh	93, 43.314, 165.875
Yxy	82.9670, 0.2726, 0.3798
Android (android.graphics.Color)	4287627221 (0xFF8FFFD5)
YUV	216.7240, -1.8359, -64.6559
Hunter-Lab	91.0862, -42.7181, 14.3325

Details

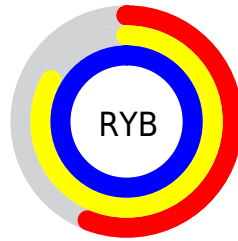
The CIELCh color **93, 43.314, 165.875** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **73, 47.021, 356.321**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 17.795, 198.327**, and **73, 42.997, 165.873** is the 20% darker color. If you saturate the color by 10%, you get **92, 51.091, 164.927**, and if you desaturate by 10%, it is **94, 33.574, 167.594**.

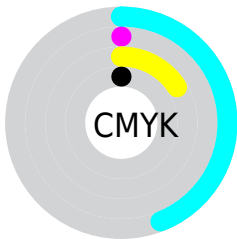
Distribution



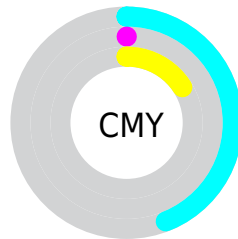
- Red (56%)
- Green (100%)
- Blue (84%)



- Red (56%)
- Yellow (83%)
- Blue (100%)



- Cyan (44%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)





- Cyan (44%)
- Magenta (0%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 43.314, 165.875 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, 43.314, 165.875 by changing the saturation by 10% instead.


 93, 43.314,
165.875


 93, 43.314,
165.875


 100, 43.314,
165.875


 83, 43.314,
165.875

 73, 43.314,
165.875

 63, 43.314,
165.875

 53, 43.314,
165.875

 43, 43.314,
165.875

 33, 43.314,
165.875

 23, 43.314,

165.875

■ 13, 43.314,
165.875

■ 3, 43.314, 165.875

■ 93, 43.314,
165.875

■ 93, 43.314,
165.875

■ 92, 51.091,
164.927

■ 94, 33.574,
167.594

■ 91, 58.670,
163.345

■ 96, 23.969,
168.733

■ 90, 65.292,
161.565

■ 97, 14.029,
169.778

■ 89, 70.906,
159.572

■ 99, 3.904, 170.822

100, 0.012,

■ 89, 75.558,
157.370

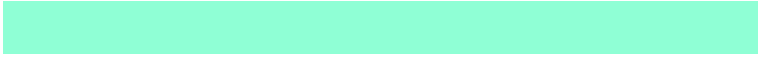
296.813

■ 89, 78.070,
155.957

Harmonies

Complementary

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



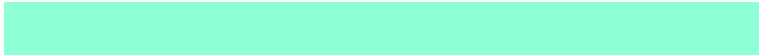
93, 43.314, 165.875



73, 47.021, 356.321

Rectangle

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



93, 43.314, 165.875



93, 43.314, 215.875



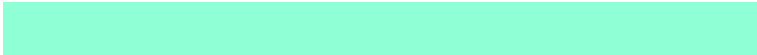
93, 43.314, 345.875



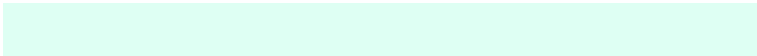
93, 43.314, 35.875

Sweetspot

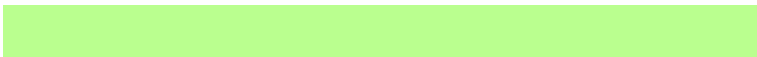
The Sweet Spot groups the original color and five complimentary colors.



93, 42.672, 166.334



97, 13.181, 169.863



93, 61.655, 130.946



52, 9.212, 169.640



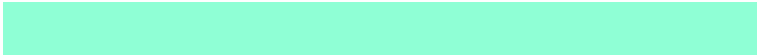
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



93, 42.672, 166.334



92, 50.412, 165.051



90, 29.987, 210.810



52, 5.773, 170.215



69, 62.395, 156.388



23, 27.174, 159.554

Inverse Universe

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



73, 47.021, 356.321



68, 56.477, 358.035



74, 41.952, 32.459



50, 5.898, 351.861



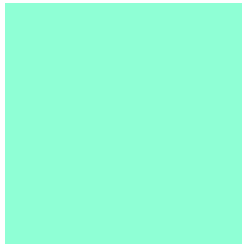
41, 68.722, 14.307



10, 31.283, 6.992

Previews

White Background



This preview shows how the CIE LCh color 93, 43.314, 165.875 looks on a white background.

Color Contrast Check

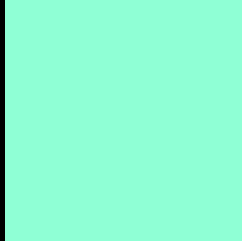
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 93, 43.314, 165.875 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, 43.314, 165.875

Background



This preview shows how black text looks on a background with the CIELCh color 93, 43.314, 165.875.

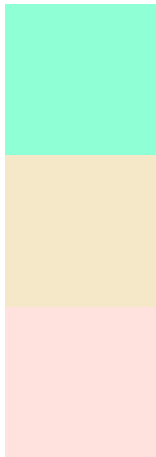


This preview shows how white text looks on a background with the CIELCh color 93, 43.314, 165.875.

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, 42.770, 166.274

Protanopia

92, 16.571, 93.044

Deuteranopia

92, 10.857, 30.973



Tritanopia
92, 17.928, 220.579

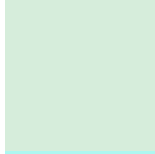
Trichromacy



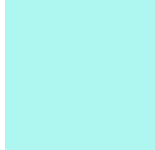
Original Color
93, 42.770, 166.274



Protanomaly
92, 21.737, 142.081



Deuteranomaly
92, 12.482, 150.527

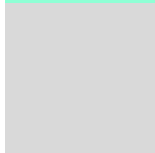


Tritanomaly
92, 24.479, 189.294

Monochromacy



Original Color
93, 42.770, 166.274



Achromatopsia
87, 0.010, 296.813



Achromatomaly
88, 16.466, 169.918

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 43.314, 165.875 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(143, 255, 213)` looks like.

```
.text, #text, p{  
    color:rgb(143, 255, 213)  
}
```

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(143, 255, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 255, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 43.314, 165.875 is called "border". The border property can be set on classes, ids or directly on the HTML element.

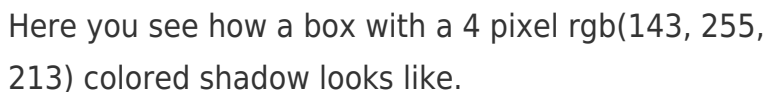
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(143, 255, 213) }
```

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

```
.border{ border-color:rgb(143, 255, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(143, 255, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(143, 255, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(143, 255, 213); box-shadow:4px 4px 4px 4px rgb(143, 255, 213) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 43.314, 165.875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 255, 213) }
```

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

```
.background{ background-color: rgb(143,  
255, 213) }
```

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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