

Converting Colors

CIELCh(100, 55.237, 152.270)

Have a look what the booklet for
CIELCh(100, 55.237, 152.270)
contains.

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Color

CIELCh(93, 41.586, 156.909)

Conversions

Conversions Part 1

Format	Color
Hex	A2FECA
RGB	162, 254, 202
RGB Percent	64%, 100%, 79%
CMY	0.3639, 0.0032, 0.2070
CMYK	0.36, 0.00, 0.20, 0.00
HSL	146°, 98%, 82%
HSV	146°, 36%, 100%
XYZ	61.1212, 82.9670, 68.7993
YIQ	220.5640, -38.1400, -35.6760

Conversions

Conversions Part 2

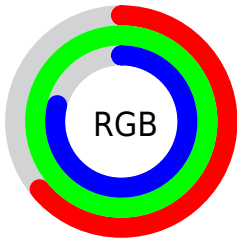
Format	Color
RYB	162, 226, 254
Decimal	10682058
CIELab	93.00, -38.25, 16.31
CIElCh	93, 41.586, 156.909
Yxy	82.9670, 0.2871, 0.3897
Android (android.graphics.Color)	4288872138 (0xFFA2FECA)
YUV	220.5640, -9.1521, -51.3606
Hunter-Lab	91.0862, -39.6228, 18.9774

Details

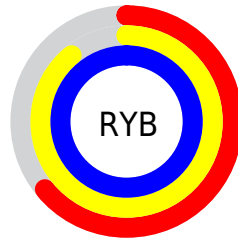
The CIELCh color **93, 41.586, 156.909** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **77, 42.869, 343.572**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 12.126, 198.696**, and **73, 41.737, 157.005** is the 20% darker color. If you saturate the color by 10%, you get **92, 52.413, 155.654**, and if you desaturate by 10%, it is **95, 30.311, 158.010**.

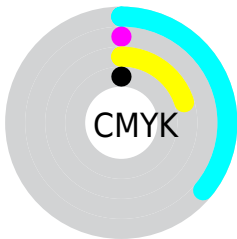
Distribution



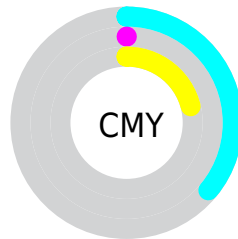
- Red (64%)
- Green (100%)
- Blue (79%)



- Red (64%)
- Yellow (89%)
- Blue (100%)



- Cyan (36%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)





- Cyan (36%)
- Magenta (0%)
- Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 41.586, 156.909 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, 41.586, 156.909 by changing the saturation by 10% instead.


 93, 41.586,
156.909


 93, 41.586,
156.909


 100, 41.586,
156.909


 83, 41.586,
156.909

 73, 41.586,
156.909

 63, 41.586,
156.909

 53, 41.586,
156.909

 43, 41.586,
156.909

 33, 41.586,
156.909

 23, 41.586,

156.909

■ 13, 41.586,
156.909

■ 3, 41.586, 156.909

■ 93, 41.586,
156.909

■ 93, 41.586,
156.909

■ 92, 52.413,
155.654

■ 95, 30.311,
158.010

■ 91, 62.580,
154.223

■ 96, 18.779,
158.988

■ 90, 71.892,
152.592

■ 98, 7.160, 159.887

■ 89, 80.195,
150.748

100, 0.522,
323.868

■ 88, 87.404,
148.697

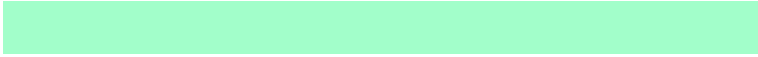
■ 88, 93.533,
146.478

■ 88, 95.666,
145.635

Harmonies

Complementary

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



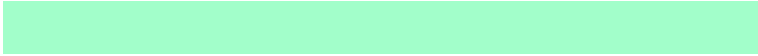
93, 41.586, 156.909



77, 42.869, 343.572

Rectangle

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



93, 41.586, 156.909



93, 41.586, 206.909



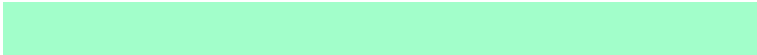
93, 41.586, 336.909



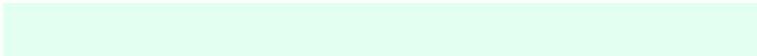
93, 41.586, 26.909

Sweetspot

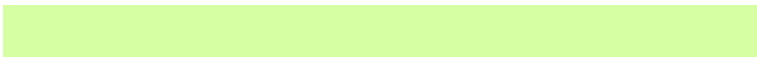
The Sweet Spot groups the original color and five complimentary colors.



93, 41.587, 156.908



98, 12.789, 159.457



95, 48.614, 124.914



52, 8.595, 159.336



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, 41.587, 156.908



92, 49.155, 156.071



94, 29.243, 191.342



52, 6.608, 159.590



68, 76.551, 146.051



23, 32.937, 149.232

Inverse Universe

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



77, 42.869, 343.572



74, 50.826, 344.354



76, 36.546, 17.770



50, 6.672, 341.021



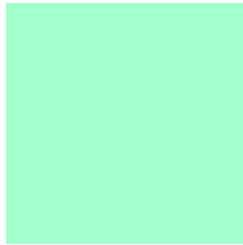
42, 69.388, 356.073



11, 32.628, 351.502

Previews

White Background



This preview shows how the CIE LCh color 93, 41.586, 156.909 looks on a white background.

Color Contrast Check

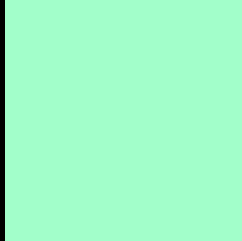
Large Text (above 18pt) WCAG AA × Fail

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, 41.586, 156.909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

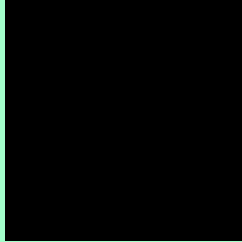
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 41.586, 156.909

Background



This preview shows how black text looks on a background with the CIELCh color 93, 41.586, 156.909.

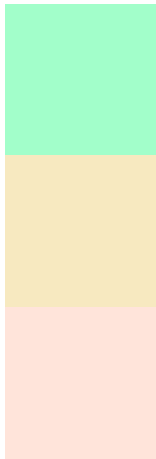


This preview shows how white text looks on a background with the CIELCh color 93, 41.586, 156.909.

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, 41.611, 156.893

Protanopia
93, 21.726, 94.205

Deuteranopia
92, 11.246, 47.100

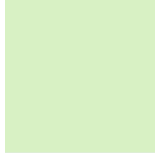


Tritanopia
93, 15.710, 224.023

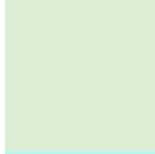
Trichromacy



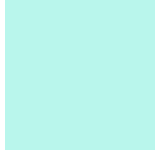
Original Color
93, 41.611, 156.893



Protanomaly
92, 24.907, 130.159



Deuteranomaly
92, 14.786, 133.799

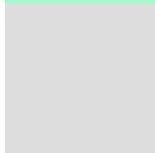


Tritanomaly
93, 21.160, 183.860

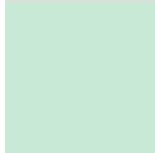
Monochromacy



Original Color
93, 41.611, 156.893



Achromatopsia
88, 0.010, 296.813



Achromatomaly
90, 15.436, 158.664

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 41.586, 156.909 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(162, 254, 202)` looks like.

```
.text, #text, p{  
    color:rgb(162, 254, 202)  
}
```

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(162, 254, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 254, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 41.586, 156.909 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(162, 254, 202) }
```

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

```
.border{ border-color:rgb(162, 254, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 254, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 254, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 254, 202);  
box-shadow:4px 4px 4px 4px rgb(162, 254,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 41.586, 156.909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 254, 202) }
```

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

```
.background{ background-color: rgb(162,  
254, 202) }
```

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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