

Converting Colors

CIELCh(93, 37.467, 168.516)

Have a look what the booklet for
CIELCh(93, 37.467, 168.516)
contains.

CIELCh(93, 37.571, 168.287)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(93, 37.571, 168.287)

Conversions

Conversions Part 1

Format	Color
Hex	9BFEDB
RGB	155, 254, 219
RGB Percent	61%, 100%, 86%
CMY	0.3921, 0.0039, 0.1412
CMYK	0.39, 0.00, 0.14, 0.00
HSL	159°, 98%, 80%
HSV	159°, 39%, 100%
XYZ	61.7461, 82.9670, 79.7782
YIQ	220.4090, -47.7690, -31.8730

Conversions

Conversions Part 2

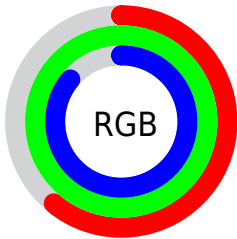
Format	Color
RYB	155, 215, 254
Decimal	10223323
CIELab	93.00, -36.79, 7.63
CIELCh	93, 37.571, 168.287
Yxy	82.9670, 0.2750, 0.3696
Android (android.graphics.Color)	4288413403 (0xFF9BFEDB)
YUV	220.4090, -0.6946, -57.3637
Hunter-Lab	91.0862, -38.3983, 11.8310

Details

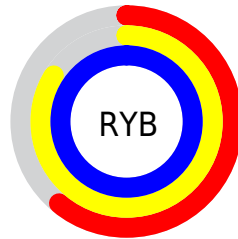
The CIELCh color **93, 37.571, 168.287** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **75, 41.317, 356.938**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 14.050, 198.569**, and **73, 37.783, 168.231** is the 20% darker color. If you saturate the color by 10%, you get **92, 46.116, 166.960**, and if you desaturate by 10%, it is **94, 28.420, 169.481**.

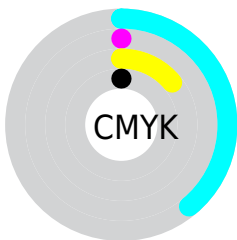
Distribution



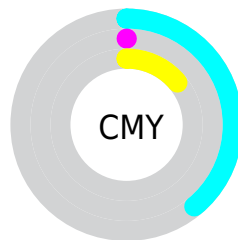
- Red (61%)
- Green (100%)
- Blue (86%)



- Red (61%)
- Yellow (84%)
- Blue (100%)



- Cyan (39%)
- Magenta (0%)
- Yellow (14%)
- Black (0%)





- Cyan (39%)
- Magenta (0%)
- Yellow (14%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 37.571, 168.287 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, 37.571, 168.287 by changing the saturation by 10% instead.


 93, 37.571,
168.287


 93, 37.571,
168.287


 100, 37.571,
168.287


 83, 37.571,
168.287


 73, 37.571,
168.287

 63, 37.571,
168.287

 53, 37.571,
168.287

 43, 37.571,
168.287

 33, 37.571,
168.287

 23, 37.571,

168.287

■ 13, 37.571,
168.287

■ 3, 37.571, 168.287

■ 93, 37.571,
168.287

■ 93, 37.571,
168.287

■ 92, 46.116,
166.960

■ 94, 28.420,
169.481

■ 91, 53.887,
165.479

■ 96, 18.831,
170.571

■ 90, 60.746,
163.814

■ 98, 8.967, 171.593

■ 89, 66.612,
161.946

100, 0.596,
326.013

100, 0.627,

■ 89, 71.483,
159.865

323.970

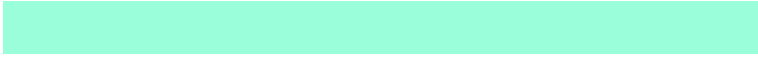
■ 89, 75.502,
157.606

■ 89, 75.895,
157.378

Harmonies

Complementary

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



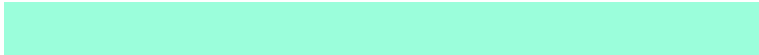
93, 37.571, 168.287



75, 41.317, 356.938

Rectangle

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



93, 37.571, 168.287



93, 37.571, 218.287



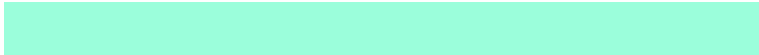
93, 37.571, 348.287



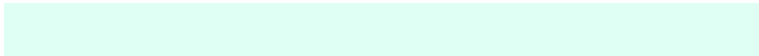
93, 37.571, 38.287

Sweetspot

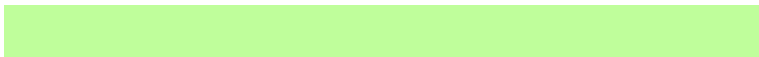
The Sweet Spot groups the original color and five complimentary colors.



93, 37.572, 168.286



98, 12.008, 171.286



94, 55.124, 131.724



52, 7.959, 171.154



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

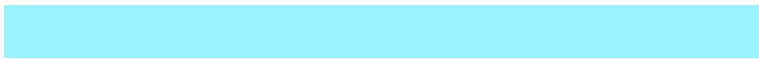
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 37.572, 168.286



92, 44.625, 167.232



90, 26.889, 212.724



52, 5.696, 171.539



69, 60.860, 157.800



23, 26.565, 160.931

Inverse Universe

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



75, 41.317, 356.938



71, 49.985, 358.323



77, 36.013, 33.410



50, 5.829, 353.199



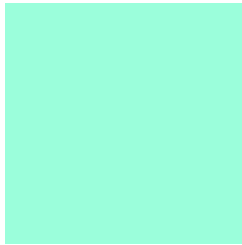
40, 69.147, 16.284



10, 31.303, 8.709

Previews

White Background



This preview shows how the CIELCh color 93, 37.571, 168.287 looks on a white background.

Color Contrast Check

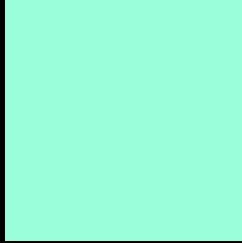
Large Text (above 18pt) WCAG AA × Fail

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, 37.571, 168.287 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

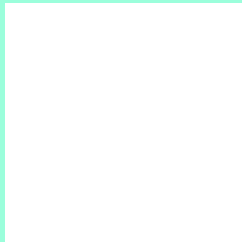
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 37.571, 168.287

Background



This preview shows how black text looks on a background with the CIELCh color 93, 37.571, 168.287.

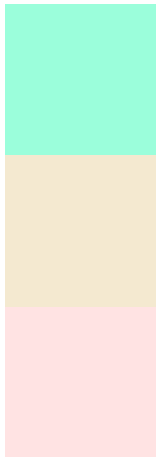


This preview shows how white text looks on a background with the CIELCh color 93, 37.571, 168.287.

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, 37.571, 168.287

Protanopia
93, 13.484, 91.429

Deuteranopia
92, 10.207, 20.062

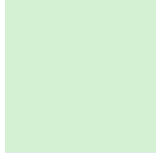


Tritanopia
93, 16.542, 222.617

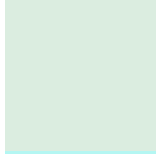
Trichromacy



Original Color
93, 37.571, 168.287



Protanomaly
92, 18.313, 143.728

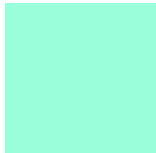


Deuteranomaly
92, 9.334, 152.923

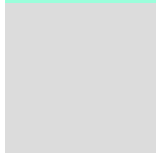


Tritanomaly
93, 21.801, 192.548

Monochromacy



Original Color
93, 37.571, 168.287



Achromatopsia
88, 0.010, 296.813



Achromatomaly
89, 14.159, 172.265

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 37.571, 168.287 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(155, 254, 219)` looks like.

```
.text, #text, p{  
    color:rgb(155, 254, 219)  
}
```

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(155, 254, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 254, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 37.571, 168.287 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(155, 254, 219) }
```

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

```
.border{ border-color:rgb(155, 254, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 254, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 254, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 254, 219);  
box-shadow:4px 4px 4px 4px rgb(155, 254,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 37.571, 168.287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 254, 219) }
```

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

```
.background{ background-color: rgb(155,  
254, 219) }
```

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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