

Converting Colors

CIELCh(93, 36.262, 173.691)

Have a look what the booklet for
CIELCh(93, 36.262, 173.691)
contains.

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Color

CIElCh(93, 36.304, 173.595)

Conversions

Conversions Part 1

Format	Color
Hex	98FEE2
RGB	152, 254, 226
RGB Percent	60%, 100%, 89%
CMY	0.4043, 0.0043, 0.1141
CMYK	0.40, 0.00, 0.11, 0.00
HSL	164°, 98%, 80%
HSV	164°, 40%, 100%
XYZ	62.0508, 82.9670, 84.6217
YIQ	220.3100, -51.8040, -30.3320

Conversions

Conversions Part 2

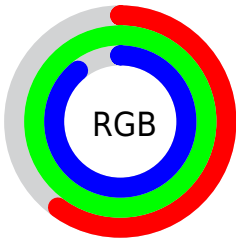
Format	Color
R _Y B	152, 211, 254
Decimal	10026722
CIE Lab	93.00, -36.08, 4.05
CIE LCh	93, 36.304, 173.595
Yxy	82.9670, 0.2702, 0.3613
Android (android.graphics.Color)	4288216802 (0xFF98FEE2)
YUV	220.3100, 2.8052, -59.9079
Hunter-Lab	91.0862, -37.8011, 8.6783

Details

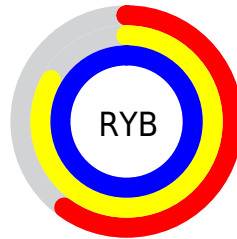
The CIELCh color **93, 36.304, 173.595** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **74, 41.518, 2.765**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 14.999, 198.507**, and **73, 36.274, 173.684** is the 20% darker color. If you saturate the color by 10%, you get **92, 44.019, 172.313**, and if you desaturate by 10%, it is **94, 27.901, 174.761**.

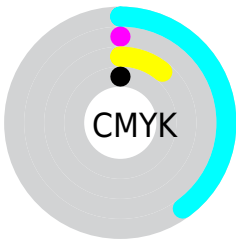
Distribution



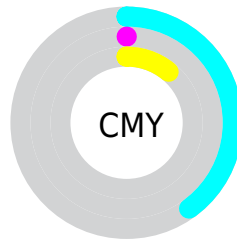
- Red (60%)
- Green (100%)
- Blue (89%)



- Red (60%)
- Yellow (83%)
- Blue (100%)



- Cyan (40%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)





- Cyan (40%)
- Magenta (0%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 36.304, 173.595 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, 36.304, 173.595 by changing the saturation by 10% instead.


 93, 36.304,
173.595


 93, 36.304,
173.595


 100, 36.304,
173.595


 83, 36.304,
173.595

 73, 36.304,
173.595

 63, 36.304,
173.595

 53, 36.304,
173.595

 43, 36.304,
173.595

 33, 36.304,
173.595

 23, 36.304,

173.595

■ 13, 36.304,
173.595

■ 3, 36.304, 173.595

■ 93, 36.304,
173.595

■ 93, 36.304,
173.595

■ 92, 44.019,
172.313

■ 94, 27.901,
174.761

■ 91, 50.892,
170.895

■ 96, 18.973,
175.841

■ 90, 56.804,
169.315

■ 98, 9.678, 176.864

■ 90, 61.696,
167.548

■ 100, 0.161,
181.346

■ 100, 0.693,

■ 89, 65.591,
165.582

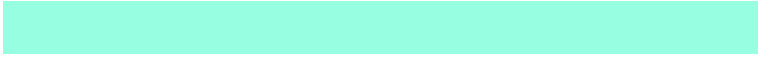
324.019

■ 89, 68.636,
163.494

Harmonies

Complementary

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



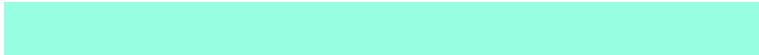
93, 36.304, 173.595



74, 41.518, 2.765

Rectangle

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



93, 36.304, 173.595



93, 36.304, 223.595



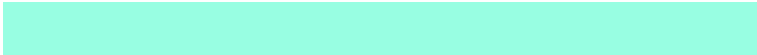
93, 36.304, 353.595



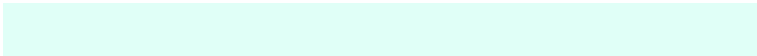
93, 36.304, 43.595

Sweetspot

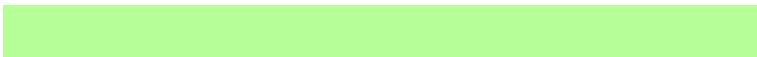
The Sweet Spot groups the original color and five complimentary colors.



93, 36.305, 173.593



98, 11.436, 176.678



93, 58.183, 134.202



52, 7.576, 176.546



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

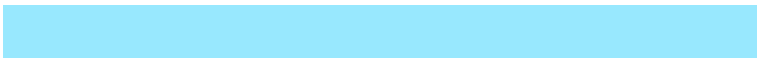
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 36.305, 173.593



92, 42.557, 172.601



88, 26.415, 224.151



52, 5.431, 176.932



69, 55.132, 163.890



23, 24.313, 166.795

Inverse Universe

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



74, 41.518, 2.765



70, 49.987, 4.266



78, 35.325, 41.030



50, 5.597, 358.607



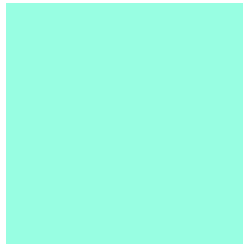
40, 71.618, 23.528



10, 31.575, 14.466

Previews

White Background



This preview shows how the CIE LCh color 93, 36.304, 173.595 looks on a white background.

Color Contrast Check

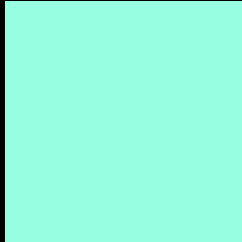
Large Text (above 18pt) WCAG AA × Fail

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, 36.304, 173.595 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, 36.304, 173.595

Background



This preview shows how black text looks on a background with the CIELCh color 93, 36.304, 173.595.

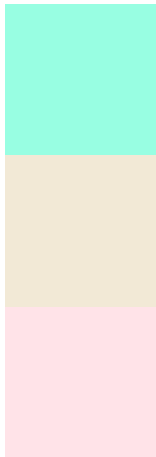


This preview shows how white text looks on a background with the CIELCh color 93, 36.304, 173.595.

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, 36.304, 173.595

Protanopia
93, 10.308, 90.597

Deuteranopia
93, 10.454, 5.878



Tritanopia
93, 16.819, 222.181

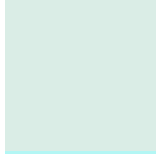
Trichromacy



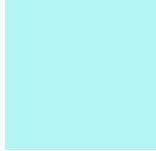
Original Color
93, 36.304, 173.595



Protanomaly
92, 16.548, 152.611

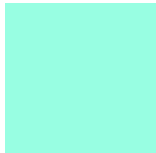


Deuteranomaly
92, 7.647, 170.736

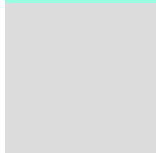


Tritanomaly
93, 21.905, 195.300

Monochromacy



Original Color
93, 36.304, 173.595



Achromatopsia
88, 0.010, 296.813



Achromatomaly
89, 13.984, 176.589

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 36.304, 173.595 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(152, 254, 226)` looks like.

```
.text, #text, p{  
    color:rgb(152, 254, 226)  
}
```

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(152, 254, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 254, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 36.304, 173.595 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(152, 254, 226) }
```

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

```
.border{ border-color:rgb(152, 254, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 254, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 254, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 254, 226);  
box-shadow:4px 4px 4px 4px rgb(152, 254,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 36.304, 173.595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 254, 226) }
```

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

```
.background{ background-color: rgb(152,  
254, 226) }
```

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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