

Converting Colors

CIELCh(93, 35.548, 197.236)

Have a look what the booklet for
CIELCh(93, 35.548, 197.236)
contains.

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Color

CIElCh(93, 35.575, 197.228)

Conversions

Conversions Part 1

Format	Color
Hex	85FEFE
RGB	133, 254, 254
RGB Percent	52%, 100%, 100%
CMY	0.4787, 0.0042, 0.0042
CMYK	0.48, 0.00, 0.00, 0.00
HSL	180°, 98%, 76%
HSV	180°, 48%, 100%
XYZ	62.9558, 82.9670, 106.3991
YIQ	217.8210, -72.1160, -25.6520

Conversions

Conversions Part 2

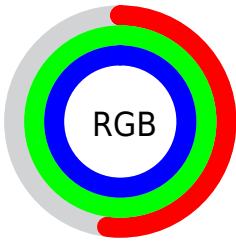
Format	Color
R_{YB}	133, 194, 254
Decimal	8781566
CIE _{Lab}	93.00, -33.98, -10.54
CIE _{LCh}	93, 35.575, 197.228
Yxy	82.9670, 0.2495, 0.3288
Android (android.graphics.Color)	4286971646 (0xFF85FEFE)
YUV	217.8210, 17.8362, -74.3880
Hunter-Lab	91.0862, -36.0276, -5.4971

Details

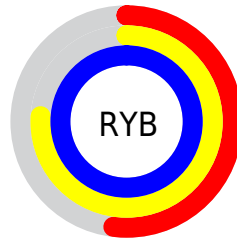
The CIELCh color **93, 35.575, 197.228** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **69, 50.480, 24.760**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 20.212, 198.174**, and **73, 35.690, 196.777** is the 20% darker color. If you saturate the color by 10%, you get **92, 40.586, 196.928**, and if you desaturate by 10%, it is **94, 29.550, 197.590**.

Distribution



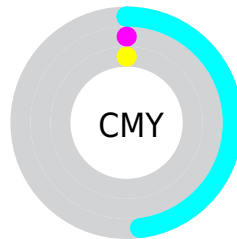
- Red (52%)
- Green (100%)
- Blue (100%)



- Red (52%)
- Yellow (76%)
- Blue (100%)



- Cyan (48%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)





- Cyan (48%)
- Magenta (0%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 35.575, 197.228 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, 35.575, 197.228 by changing the saturation by 10% instead.


 93, 35.575,
197.228


 93, 35.575,
197.228


 100, 35.575,
197.228


 83, 35.575,
197.228

 73, 35.575,
197.228

 63, 35.575,
197.228

 53, 35.575,
197.228

 43, 35.575,
197.228

 33, 35.575,
197.228

 23, 35.575,

197.228

■ 13, 35.575,
197.228

■ 3, 35.575, 197.228

■ 93, 35.575,
197.228

■ 93, 35.575,
197.228

■ 92, 40.586,
196.928

■ 94, 29.550,
197.590

■ 92, 44.503,
196.699

■ 95, 22.629,
198.017

■ 91, 47.305,
196.536

■ 97, 14.952,
198.505

■ 91, 49.035,
196.436

■ 98, 6.664, 199.080

■ 100, 0.376, 17.663

■ 91, 49.836,
196.390

100, 0.376, 17.626

100, 0.376, 17.589

■ 91, 49.956,
196.383

100, 0.376, 17.552

100, 0.376, 17.515

Harmonies

Complementary

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



93, 35.575, 197.228



69, 50.480, 24.760

Rectangle

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



93, 35.575, 197.228



93, 35.575, 247.228



93, 35.575, 17.228



93, 35.575, 67.228

Sweetspot

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



93, 35.575, 197.226



98, 12.029, 198.701



91, 74.155, 140.222



52, 8.252, 198.584



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

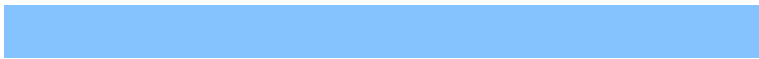
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 35.575, 197.226



93, 40.426, 196.945



77, 35.272, 262.505



52, 4.945, 198.961



70, 40.365, 196.383



24, 18.570, 196.384

Inverse Universe

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



69, 50.480, 24.760



65, 62.085, 26.882



82, 41.195, 67.720



49, 5.254, 19.942



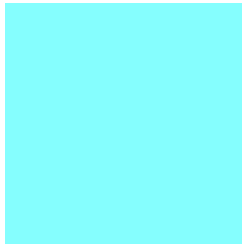
40, 84.229, 39.999



10, 33.367, 27.175

Previews

White Background



This preview shows how the CIE LCh color 93, 35.575, 197.228 looks on a white background.

Color Contrast Check

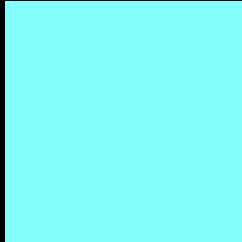
Large Text (above 18pt) WCAG AA × Fail

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, 35.575, 197.228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

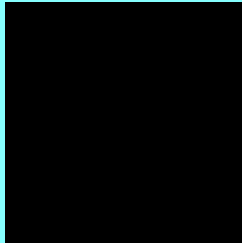
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

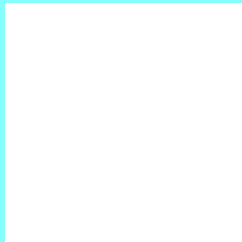
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 35.575, 197.228

Background



This preview shows how black text looks on a background with the CIELCh color 93, 35.575, 197.228.

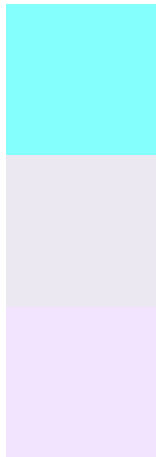


This preview shows how white text looks on a background with the CIELCh color 93, 35.575, 197.228.

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, 35.575, 197.228

Protanopia
92, 4.791, 303.237

Deuteranopia
92, 14.848, 310.176



Tritanopia
93, 18.344, 218.263

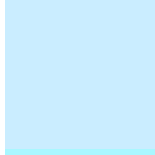
Trichromacy



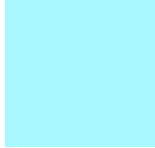
Original Color
93, 35.575, 197.228



Protanomaly
92, 14.257, 211.198



Deuteranomaly
92, 14.589, 238.707

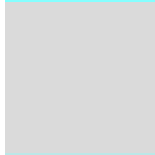


Tritanomaly
93, 24.674, 207.643

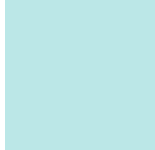
Monochromacy



Original Color
93, 35.575, 197.228



Achromatopsia
87, 0.010, 296.813



Achromatomaly
89, 14.881, 198.440

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 35.575, 197.228 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(133, 254, 254)` looks like.

```
.text, #text, p{  
    color:rgb(133, 254, 254)  
}
```

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(133, 254, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 254, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 35.575, 197.228 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(133, 254, 254) }
```

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

```
.border{ border-color:rgb(133, 254, 254) }
```

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

Here you see how a box with a 4 pixel rgb(133, 254, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 254, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 254, 254);  
box-shadow:4px 4px 4px 4px rgb(133, 254,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 35.575, 197.228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 254, 254) }
```

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

```
.background{ background-color: rgb(133,  
254, 254) }
```

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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