

Converting Colors

CIELCh(93, 25.558, 197.909)

Have a look what the booklet for
CIELCh(93, 25.558, 197.909)
contains.

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Color

CIElCh(93, 25.701, 197.804)

Conversions

Conversions Part 1

Format	Color
Hex	A8F9F9
RGB	168, 249, 249
RGB Percent	66%, 98%, 98%
CMY	0.3409, 0.0233, 0.0233
CMYK	0.33, 0.00, 0.00, 0.02
HSL	180°, 87%, 82%
HSV	180°, 33%, 98%
XYZ	67.1668, 82.9670, 102.1499
YIQ	224.7810, -48.2760, -17.1720

Conversions

Conversions Part 2

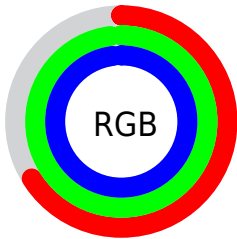
Format	Color
R _Y B	168, 209, 249
Decimal	11074041
CIE Lab	93.00, -24.47, -7.86
CIE LCh	93, 25.701, 197.804
Yxy	82.9670, 0.2662, 0.3289
Android (android.graphics.Color)	4289264121 (0xFFA8F9F9)
YUV	224.7810, 11.9400, -49.7969
Hunter-Lab	91.0862, -27.7754, -2.7312

Details

The CIELCh color **93, 25.701, 197.804** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **77, 32.243, 22.265**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 9.843, 198.851**, and **73, 25.570, 198.706** is the 20% darker color. If you saturate the color by 10%, you get **92, 32.105, 197.404**, and if you desaturate by 10%, it is **94, 18.486, 198.259**.

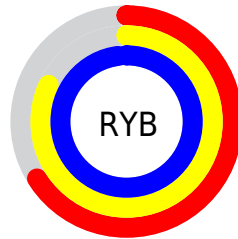
Distribution



Red (66%)

Green (98%)

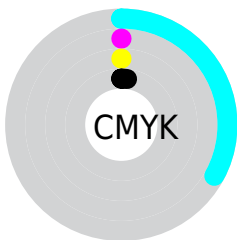
Blue (98%)



Red (66%)

Yellow (82%)

Blue (98%)

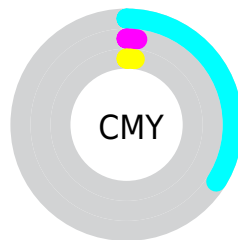


Cyan (33%)

Magenta (0%)

Yellow (0%)

Black (2%)



Cyan (34%)


Magenta (2%)


Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 25.701, 197.804 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, 25.701, 197.804 by changing the saturation by 10% instead.


 93, 25.701,
197.804


 93, 25.701,
197.804


 100, 25.701,
197.804


 83, 25.701,
197.804

 73, 25.701,
197.804

 63, 25.701,
197.804

 53, 25.701,
197.804

 43, 25.701,
197.804

 33, 25.701,
197.804

 23, 25.701,

197.804

■ 13, 25.701,
197.804

■ 3, 25.701, 197.804

■ 93, 25.701,
197.804

■ 93, 25.701,
197.804

■ 92, 32.105,
197.404

■ 94, 18.486,
198.259

■ 91, 37.567,
197.072

■ 96, 10.601,
198.783

■ 90, 41.989,
196.808

■ 97, 2.188, 199.558

■ 90, 45.317,
196.611

■ 98, 2.089, 19.220

■ 98, 2.089, 19.208

■ 89, 47.560,
196.479

■ 98, 2.089, 19.195

■ 89, 48.799,
196.406

■ 98, 2.089, 19.182

■ 89, 49.231,
196.381

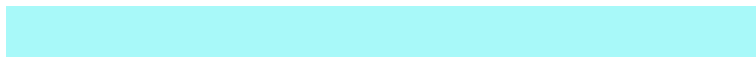
■ 98, 2.089, 19.170

■ 98, 2.089, 19.157

Harmonies

Complementary

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



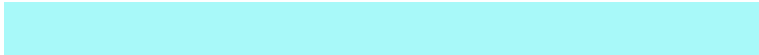
93, 25.701, 197.804



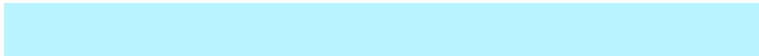
77, 32.243, 22.265

Rectangle

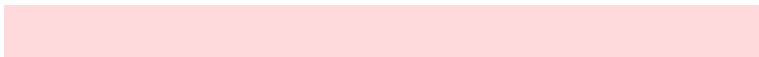
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 25.701, 197.804



93, 25.701, 247.804



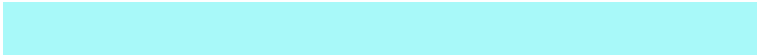
93, 25.701, 17.804



93, 25.701, 67.804

Sweetspot

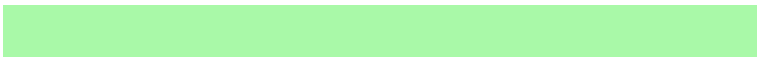
The Sweet Spot groups the original color and five complimentary colors.



93, 25.701, 197.801



98, 8.687, 198.929



91, 50.625, 141.709



52, 5.905, 198.846



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

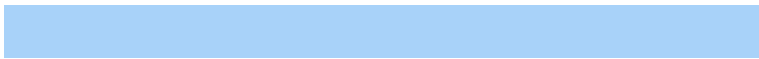
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 25.701, 197.801



94, 30.520, 197.535



83, 24.075, 258.827



51, 4.864, 198.961



69, 39.964, 196.381



23, 18.082, 196.381

Inverse Universe

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



77, 32.243, 22.265



74, 40.330, 23.214



86, 26.646, 69.598



49, 5.167, 19.939



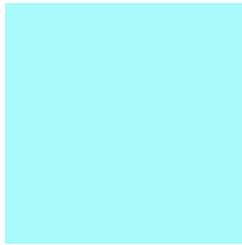
39, 83.390, 39.999



9, 32.195, 26.138

Previews

White Background



This preview shows how the CIE LCh color 93, 25.701, 197.804 looks on a white background.

Color Contrast Check

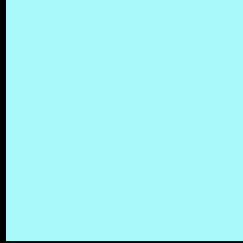
Large Text (above 18pt) WCAG AA × Fail

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, 25.701, 197.804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

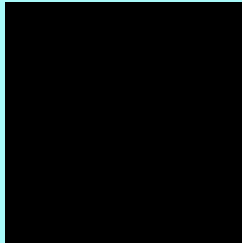
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 25.701, 197.804

Background



This preview shows how black text looks on a background with the CIELCh color 93, 25.701, 197.804.

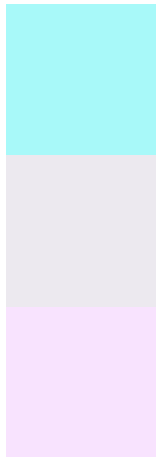


This preview shows how white text looks on a background with the CIELCh color 93, 25.701, 197.804.

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, 25.701, 197.804

Protanopia

93, 3.295, 309.137

Deuteranopia

93, 15.823, 318.594

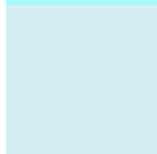


Tritanopia
93, 15.710, 224.023

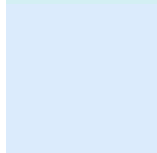
Trichromacy



Original Color
93, 25.701, 197.804



Protanomaly
93, 9.714, 211.181



Deuteranomaly
92, 10.207, 258.877

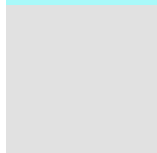


Tritanomaly
93, 19.111, 210.837

Monochromacy



Original Color
93, 25.701, 197.804



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 10.310, 198.771

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 25.701, 197.804 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(168, 249, 249)` looks like.

```
.text, #text, p{  
    color:rgb(168, 249, 249)  
}
```

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(168, 249, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 249, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 25.701, 197.804 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(168, 249, 249) }
```

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

```
.border{ border-color:rgb(168, 249, 249) }
```

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

Here you see how a box with a 4 pixel rgb(168, 249, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 249, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 249, 249);  
box-shadow:4px 4px 4px 4px rgb(168, 249,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 25.701, 197.804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 249, 249) }
```

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

```
.background{ background-color: rgb(168,  
249, 249) }
```

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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