

Converting Colors

CIELCh(93, 26.409, 217.523)

Have a look what the booklet for
CIELCh(93, 26.409, 217.523)
contains.

CIELCh(93, 25.992, 205.896)	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, 25.992, 205.896)

Conversions

Conversions Part 1

Format	Color
Hex	A6F9FF
RGB	166, 249, 255
RGB Percent	65%, 98%, 100%
CMY	0.3499, 0.0244, 0.0000
CMYK	0.35, 0.02, 0.00, 0.00
HSL	184°, 100%, 83%
HSV	184°, 35%, 100%
XYZ	67.6603, 82.9670, 107.7158
YIQ	224.8670, -51.3940, -15.7300

Conversions

Conversions Part 2

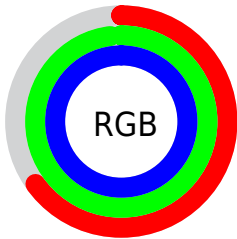
Format	Color
R_{YB}	166, 209, 255
Decimal	10942975
CIE _{Lab}	93.00, -23.38, -11.35
CIE _{LCh}	93, 25.992, 205.896
Yxy	82.9670, 0.2619, 0.3212
Android (android.graphics.Color)	4289133055 (0xFFA6F9FF)
YUV	224.8670, 14.8556, -51.6264
Hunter-Lab	91.0862, -26.8084, -6.3541

Details

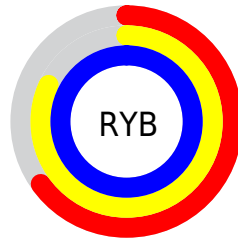
The CIELCh color **93, 25.992, 205.896** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **78, 33.568, 27.795**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 10.500, 198.806**, and **73, 25.811, 204.832** is the 20% darker color. If you saturate the color by 10%, you get **91, 31.839, 205.019**, and if you desaturate by 10%, it is **95, 19.335, 205.066**.

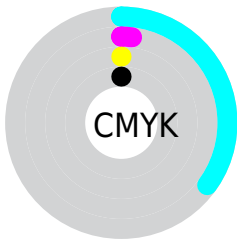
Distribution



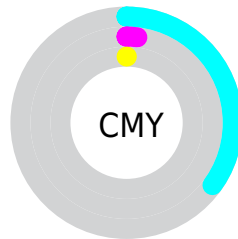
- Red (65%)
- Green (98%)
- Blue (100%)



- Red (65%)
- Yellow (82%)
- Blue (100%)



- Cyan (35%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (35%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 25.992, 205.896 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, 25.992, 205.896 by changing the saturation by 10% instead.

■ 93, 25.992,
205.896

■ 93, 25.992,
205.896

■ 100, 25.992,
205.896

■ 83, 25.992,
205.896

■ 73, 25.992,
205.896

■ 63, 25.992,
205.896

■ 53, 25.992,
205.896

■ 43, 25.992,
205.896

■ 33, 25.992,
205.896

■ 23, 25.992,

205.896

■ 13, 25.992,
205.896

■ 3, 25.992, 205.896

■ 93, 25.992,
205.896

■ 93, 25.992,
205.896

■ 91, 31.839,
205.019

■ 95, 19.335,
205.066

■ 90, 36.736,
205.209

■ 97, 11.991,
205.268

■ 89, 40.588,
205.574

■ 99, 4.102, 205.637

■ 88, 43.344,
206.140

100, 0.012,
296.813

■ 87, 45.019,
206.930

■ 86, 45.712,
207.960

■ 86, 45.808,
208.547

Harmonies

Complementary

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



93, 25.992, 205.896



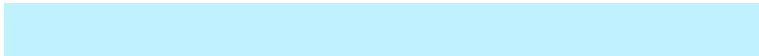
78, 33.568, 27.795

Rectangle

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



93, 25.992, 205.896



93, 25.992, 255.896



93, 25.992, 25.896



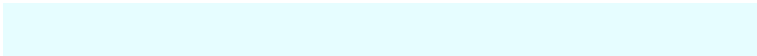
93, 25.992, 75.896

Sweetspot

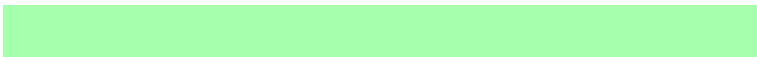
The Sweet Spot groups the original color and five complimentary colors.



93, 25.997, 204.979



98, 8.113, 205.416



93, 53.268, 143.644



52, 5.514, 205.370



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

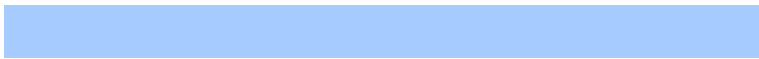
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 25.997, 204.979



92, 30.185, 204.992



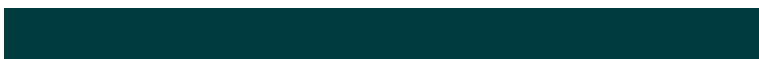
81, 28.900, 268.191



52, 4.619, 205.433



66, 36.942, 208.318



22, 17.149, 206.757

Inverse Universe

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



79, 53.129, 328.375



76, 63.250, 328.766



89, 30.656, 77.643



50, 8.636, 326.893



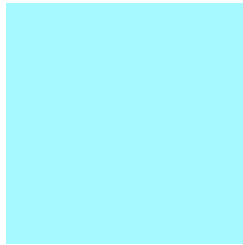
45, 88.121, 331.222



12, 40.808, 330.838

Previews

White Background



This preview shows how the CIE LCh color 93, 25.992, 205.896 looks on a white background.

Color Contrast Check

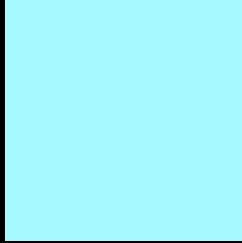
Large Text (above 18pt) WCAG AA × Fail

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, 25.992, 205.896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

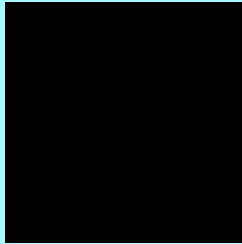
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 25.992, 205.896

Background



This preview shows how black text looks on a background with the CIELCh color 93, 25.992, 205.896.

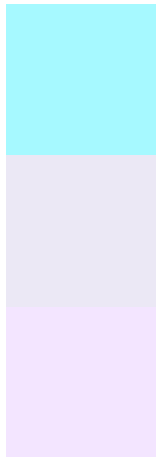


This preview shows how white text looks on a background with the CIELCh color 93, 25.992, 205.896.

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, 25.995, 204.727

Protanopia
93, 6.821, 299.521

Deuteranopia
93, 14.351, 310.837

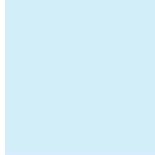


Tritanopia
93, 16.264, 223.069

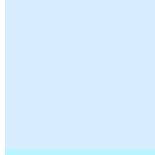
Trichromacy



Original Color
93, 25.995, 204.727



Protanomaly
92, 10.873, 230.552



Deuteranomaly
92, 11.921, 254.832

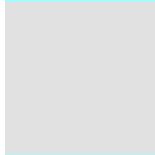


Tritanomaly
93, 19.627, 215.224

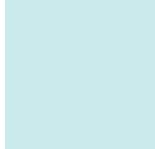
Monochromacy



Original Color
93, 25.995, 204.727



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 10.626, 204.387

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 25.992, 205.896 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(166, 249, 255)` looks like.

```
.text, #text, p{  
    color:rgb(166, 249, 255)  
}
```

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(166, 249, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 249, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 25.992, 205.896 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(166, 249, 255) }
```

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

```
.border{ border-color:rgb(166, 249, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 249, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 249, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 249, 255);  
box-shadow:4px 4px 4px 4px rgb(166, 249,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 25.992, 205.896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 249, 255) }
```

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

```
.background{ background-color: rgb(166,  
249, 255) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor