

Converting Colors

CIELCh(93, 27.096, 222.848)

Have a look what the booklet for
CIELCh(93, 27.096, 222.848)
contains.

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Color

CIElCh(93, 26.255, 205.800)

Conversions

Conversions Part 1

Format	Color
Hex	A5F9FF
RGB	165, 249, 255
RGB Percent	65%, 98%, 100%
CMY	0.3533, 0.0238, 0.0000
CMYK	0.35, 0.02, 0.00, 0.00
HSL	184°, 100%, 82%
HSV	184°, 35%, 100%
XYZ	67.5440, 82.9670, 107.8379
YIQ	224.5680, -51.9900, -15.9420

Conversions

Conversions Part 2

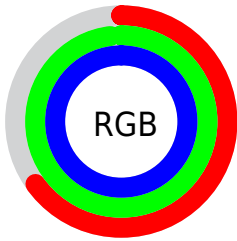
Format	Color
R_{YB}	165, 208, 255
Decimal	10877439
CIE _{Lab}	93.00, -23.64, -11.43
CIE _{LCh}	93, 26.255, 205.800
Yxy	82.9670, 0.2614, 0.3211
Android (android.graphics.Color)	4289067519 (0xFFA5F9FF)
YUV	224.5680, 15.0030, -52.2411
Hunter-Lab	91.0862, -27.0361, -6.4336

Details

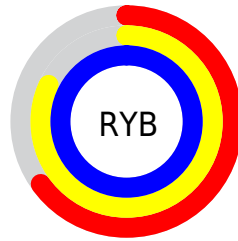
The CIELCh color **93, 26.255, 205.800** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **78, 34.001, 27.658**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 10.827, 198.783**, and **73, 26.055, 204.746** is the 20% darker color. If you saturate the color by 10%, you get **91, 32.087, 204.764**, and if you desaturate by 10%, it is **95, 19.612, 204.829**.

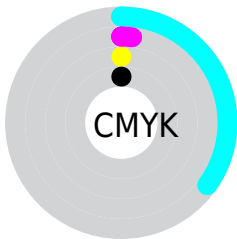
Distribution



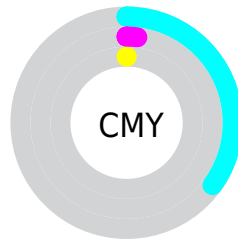
- Red (65%)
- Green (98%)
- Blue (100%)



- 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, 26.255, 205.800 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, 26.255, 205.800 by changing the saturation by 10% instead.

■ 93, 26.255,
205.800

■ 93, 26.255,
205.800

■ 100, 26.255,
205.800

■ 83, 26.255,
205.800

■ 73, 26.255,
205.800

■ 63, 26.255,
205.800

■ 53, 26.255,
205.800

■ 43, 26.255,
205.800

■ 33, 26.255,
205.800

■ 23, 26.255,

205.800

■ 13, 26.255,
205.800

■ 3, 26.255, 205.800

■ 93, 26.255,
205.800

■ 93, 26.255,
205.800

■ 91, 32.087,
204.764

■ 95, 19.612,
204.829

■ 90, 36.960,
204.942

■ 97, 12.274,
205.037

■ 89, 40.784,
205.291

■ 99, 4.386, 205.404

■ 88, 43.511,
205.838

100, 0.012,
296.813

■ 87, 45.157,
206.603

■ 86, 45.824,
207.601

■ 86, 45.914,
208.129

Harmonies

Complementary

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



93, 26.255, 205.800



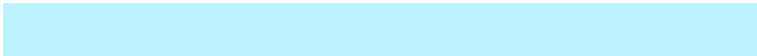
78, 34.001, 27.658

Rectangle

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



93, 26.255, 205.800



93, 26.255, 255.800



93, 26.255, 25.800



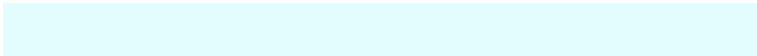
93, 26.255, 75.800

Sweetspot

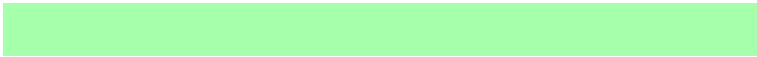
The Sweet Spot groups the original color and five complimentary colors.



93, 26.263, 204.733



98, 8.918, 205.165



93, 53.773, 143.611



52, 5.969, 205.122



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, 26.263, 204.733



92, 30.247, 204.738



81, 29.180, 268.266



52, 4.628, 205.217



66, 37.026, 207.909



22, 17.185, 206.404

Inverse Universe

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



79, 53.707, 328.327



76, 63.343, 328.698



88, 30.972, 77.597



50, 8.649, 326.829



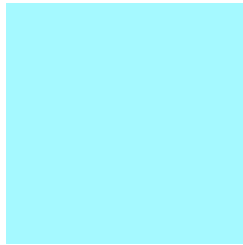
45, 88.272, 331.121



12, 40.870, 330.751

Previews

White Background



This preview shows how the CIE LCh color 93, 26.255, 205.800 looks on a white background.

Color Contrast Check

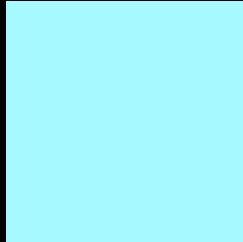
Large Text (above 18pt) WCAG AA × Fail

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, 26.255, 205.800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

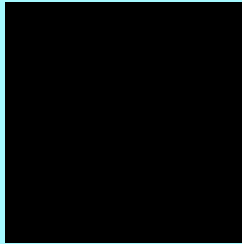
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 26.255, 205.800

Background



This preview shows how black text looks on a background with the CIELCh color 93, 26.255, 205.800.

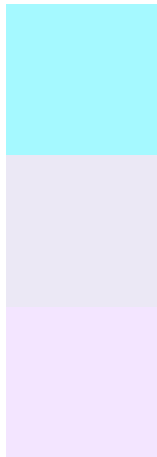


This preview shows how white text looks on a background with the CIELCh color 93, 26.255, 205.800.

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, 26.259, 204.642

Protanopia

93, 6.821, 299.521

Deuteranopia

93, 14.351, 310.837

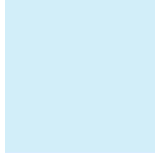


Tritanopia
93, 16.264, 223.069

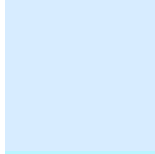
Trichromacy



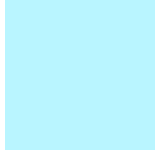
Original Color
93, 26.259, 204.642



Protanomaly
92, 10.873, 230.552



Deuteranomaly
92, 11.921, 254.832

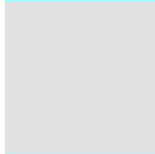


Tritanomaly
93, 19.815, 213.461

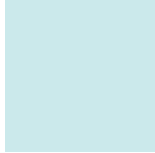
Monochromacy



Original Color
93, 26.259, 204.642



Achromatopsia
89, 0.011, 296.813



Achromatomaly
90, 10.305, 204.587

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 26.255, 205.800 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(165, 249, 255)` looks like.

```
.text, #text, p{  
    color:rgb(165, 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(165, 249, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 249, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 26.255, 205.800 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(165, 249, 255) }
```

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

```
.border{ border-color:rgb(165, 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(165, 249, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 249, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 249, 255);  
box-shadow:4px 4px 4px 4px rgb(165, 249,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 26.255, 205.800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 249, 255) }
```

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

```
.background{ background-color: rgb(165,  
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](#).

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