

Converting Colors

CIELCh(93, 23.930, 207.646)

Have a look what the booklet for
CIELCh(93, 23.930, 207.646)
contains.

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Color

CIELCh(93, 24.116, 206.636)

Conversions

Conversions Part 1

Format	Color
Hex	ACF8FF
RGB	172, 248, 255
RGB Percent	67%, 97%, 100%
CMY	0.3262, 0.0282, 0.0008
CMYK	0.33, 0.03, 0.00, 0.00
HSL	185°, 100%, 84%
HSV	185°, 33%, 100%
XYZ	68.4936, 82.9670, 106.8425
YIQ	226.0740, -47.5430, -13.9350

Conversions

Conversions Part 2

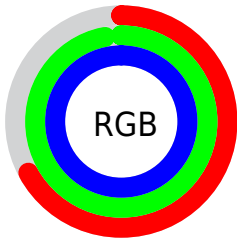
Format	Color
R _Y B	172, 212, 255
Decimal	11335935
CIE Lab	93.00, -21.56, -10.81
CIE LCh	93, 24.116, 206.636
Yxy	82.9670, 0.2652, 0.3212
Android (android.graphics.Color)	4289526015 (0xFFACF8FF)
YUV	226.0740, 14.2605, -47.4229
Hunter-Lab	91.0862, -25.1752, -5.7857

Details

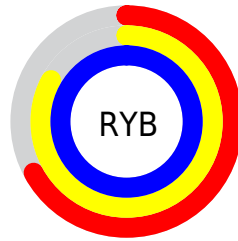
The CIELCh color **93, 24.116, 206.636** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **80, 30.549, 28.748**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 8.521, 198.944**, and **73, 24.039, 206.833** is the 20% darker color. If you saturate the color by 10%, you get **91, 30.086, 206.736**, and if you desaturate by 10%, it is **95, 17.371, 206.667**.

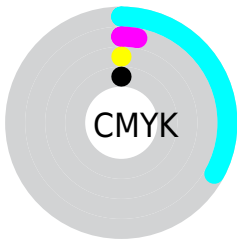
Distribution



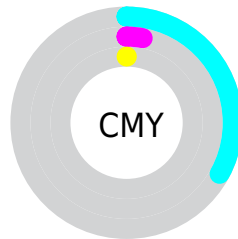
- Red (67%)
- Green (97%)
- Blue (100%)



- Red (67%)
- Yellow (83%)
- Blue (100%)



- Cyan (33%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)





- Cyan (33%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 24.116, 206.636 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, 24.116, 206.636 by changing the saturation by 10% instead.


 93, 24.116,
206.636


 93, 24.116,
206.636


 100, 24.116,
206.636


 83, 24.116,
206.636

 73, 24.116,
206.636

 63, 24.116,
206.636

 53, 24.116,
206.636

 43, 24.116,
206.636

 33, 24.116,
206.636

 23, 24.116,

206.636

■ 13, 24.116,
206.636

■ 3, 24.116, 206.636

■ 93, 24.116,
206.636

■ 93, 24.116,
206.636

■ 91, 30.086,
206.736

■ 95, 17.371,
206.667

■ 90, 35.150,
207.004

■ 97, 9.987, 206.827

■ 88, 39.202,
207.465

■ 99, 2.096, 207.296

100, 0.090,
109.308

■ 87, 42.177,
208.154

■ 86, 44.070,
209.100

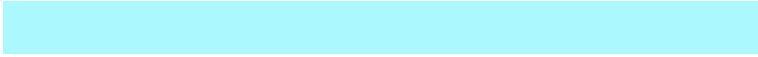
■ 85, 44.959,
210.332

■ 85, 45.128,
211.412

Harmonies

Complementary

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



93, 24.116, 206.636



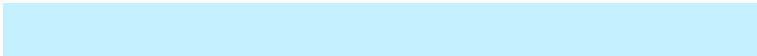
80, 30.549, 28.748

Rectangle

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



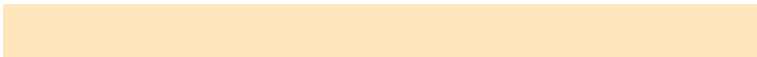
93, 24.116, 206.636



93, 24.116, 256.636



93, 24.116, 26.636



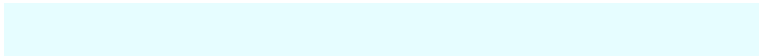
93, 24.116, 76.636

Sweetspot

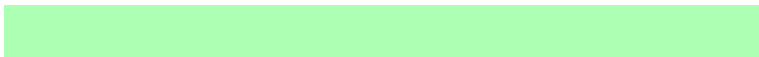
The Sweet Spot groups the original color and five complimentary colors.



93, 24.116, 206.632



98, 8.006, 206.892



93, 49.048, 144.350



52, 5.441, 206.855



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, 24.116, 206.632



92, 28.069, 206.682



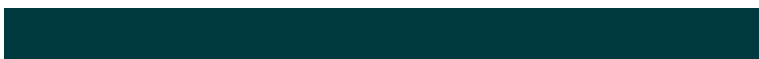
82, 27.420, 269.250



52, 4.558, 206.906



65, 36.417, 211.127



22, 16.917, 209.172

Inverse Universe

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



80, 49.024, 328.691



77, 58.391, 329.062



90, 28.708, 79.553



50, 8.549, 327.326



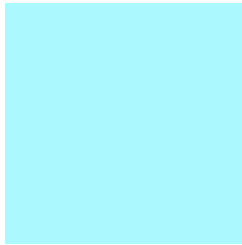
45, 87.111, 331.910



12, 40.396, 331.431

Previews

White Background



This preview shows how the CIE LCh color 93, 24.116, 206.636 looks on a white background.

Color Contrast Check

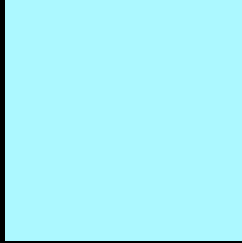
Large Text (above 18pt) WCAG AA × Fail

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, 24.116, 206.636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

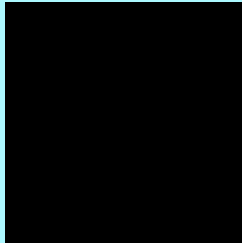
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 24.116, 206.636

Background



This preview shows how black text looks on a background with the CIELCh color 93, 24.116, 206.636.

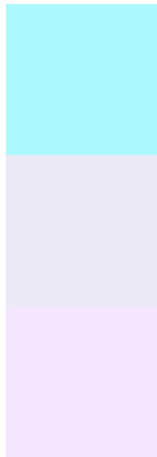


This preview shows how white text looks on a background with the CIELCh color 93, 24.116, 206.636.

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, 24.116, 206.636

Protanopia
93, 6.767, 296.610

Deuteranopia
93, 14.351, 310.837

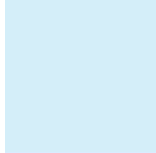


Tritanopia
93, 15.710, 224.023

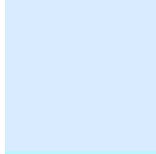
Trichromacy



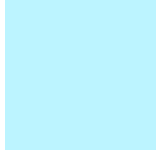
Original Color
93, 24.116, 206.636



Protanomaly
93, 10.326, 232.471

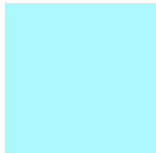


Deuteranomaly
93, 11.564, 257.512

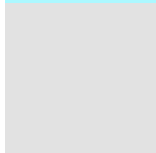


Tritanomaly
93, 18.785, 216.054

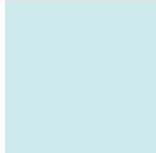
Monochromacy



Original Color
93, 24.116, 206.636



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 9.641, 205.031

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 24.116, 206.636 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(172, 248, 255)` looks like.

```
.text, #text, p{  
    color:rgb(172, 248, 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(172, 248, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 248, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 24.116, 206.636 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(172, 248, 255) }
```

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

```
.border{ border-color:rgb(172, 248, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 248, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 248, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 248, 255); box-shadow:4px 4px 4px 4px rgb(172, 248, 255) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 24.116, 206.636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 248, 255) }
```

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

```
.background{ background-color: rgb(172,  
248, 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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