

Converting Colors

CIELCh(95, 32.769, 271.120)

Have a look what the booklet for
CIELCh(95, 32.769, 271.120)
contains.

CIELCh(93, 14.405, 224.233)	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, 14.405, 224.233)

Conversions

Conversions Part 1

Format	Color
Hex	CAF2FE
RGB	202, 242, 254
RGB Percent	79%, 95%, 100%
CMY	0.2090, 0.0522, 0.0052
CMYK	0.20, 0.05, 0.00, 0.01
HSL	194°, 95%, 89%
HSV	194°, 20%, 99%
XYZ	73.7739, 82.9670, 105.6165
YIQ	231.4080, -27.6920, -4.7480

Conversions

Conversions Part 2

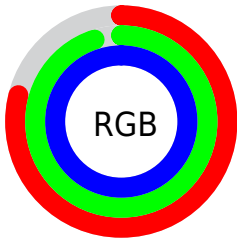
Format	Color
R _Y B	202, 225, 254
Decimal	13300478
CIE Lab	93.00, -10.32, -10.05
CIE LCh	93, 14.405, 224.233
Yxy	82.9670, 0.2812, 0.3162
Android (android.graphics.Color)	4291490558 (0xFFCAF2FE)
YUV	231.4080, 11.1379, -25.7908
Hunter-Lab	91.0862, -14.8276, -4.9877

Details

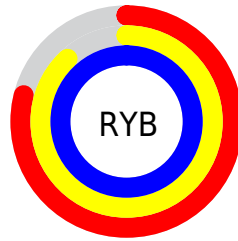
The CIELCh color **93, 14.405, 224.233** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **89, 16.454, 42.460**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 14.383, 223.161** is the 20% darker color. If you saturate the color by 10%, you get **90, 20.740, 225.062**, and if you desaturate by 10%, it is **96, 7.578, 223.639**.

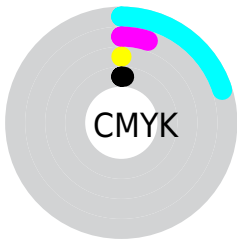
Distribution



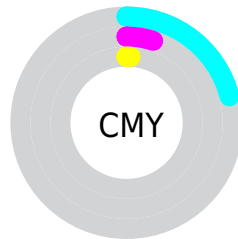
- Red (79%)
- Green (95%)
- Blue (100%)



- Red (79%)
- Yellow (88%)
- Blue (100%)



- Cyan (20%)
- Magenta (5%)
- Yellow (0%)
- Black (1%)





- Cyan (21%)
- Magenta (5%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 14.405, 224.233 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, 14.405, 224.233 by changing the saturation by 10% instead.


 93, 14.405,
224.233


 93, 14.405,
224.233


 100, 14.405,
224.233


 83, 14.405,
224.233

 73, 14.405,
224.233

 63, 14.405,
224.233

 53, 14.405,
224.233

 43, 14.405,
224.233

 33, 14.405,
224.233

 23, 14.405,

224.233

■ 13, 14.405,
224.233

■ 3, 14.405, 224.233

■ 93, 14.405,
224.233

■ 93, 14.405,
224.233

■ 90, 20.740,
225.062

■ 96, 7.578, 223.639

■ 99, 0.360, 224.878

■ 87, 26.475,
226.190

■ 100, 0.661,
110.011

■ 84, 31.505,
227.678

■ 82, 35.743,
229.612

■ 80, 39.141,
232.084

■ 77, 41.713,
235.185

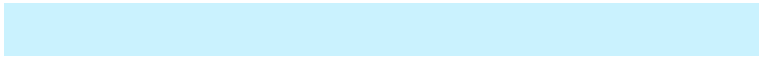
■ 75, 43.561,
238.974

■ 74, 44.883,
243.140

Harmonies

Complementary

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



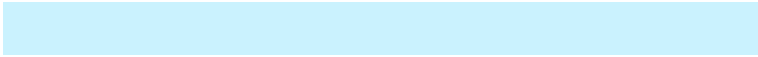
93, 14.405, 224.233



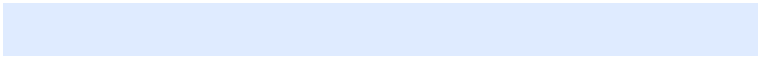
89, 16.454, 42.460

Rectangle

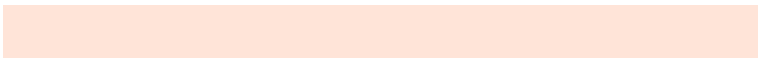
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 14.405, 224.233



93, 14.405, 274.233



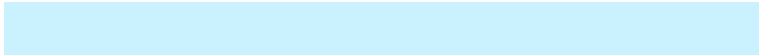
93, 14.405, 44.233



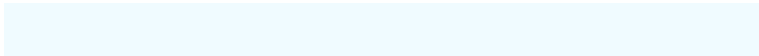
93, 14.405, 94.233

Sweetspot

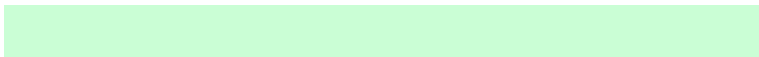
The Sweet Spot groups the original color and five complimentary colors.



93, 14.405, 224.225



98, 4.404, 223.479



95, 27.968, 149.648



52, 2.916, 223.496



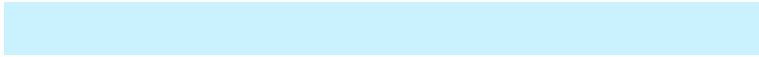
0, 0.000, 0.000



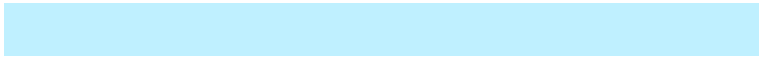
53, 0.007, 296.813

Same Dimension

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



93, 14.405, 224.225



92, 17.407, 224.571



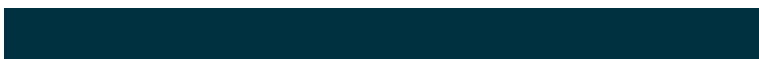
86, 19.979, 277.800



52, 4.138, 223.597



57, 36.163, 242.301



18, 16.309, 236.311

Inverse Universe

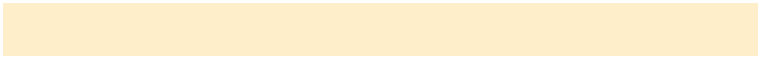
The Inverse Universe completely reimagines the original color for something new.



87, 27.823, 332.963



84, 34.124, 333.281



95, 19.838, 92.364



50, 7.713, 332.207



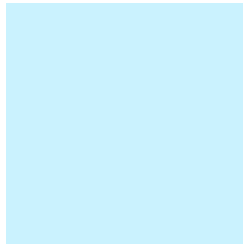
43, 77.911, 340.118



11, 36.577, 338.365

Previews

White Background



This preview shows how the CIE LCh color 93, 14.405, 224.233 looks on a white background.

Color Contrast Check

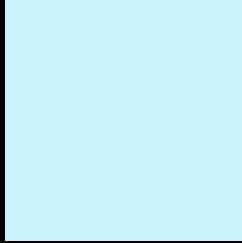
Large Text (above 18pt) WCAG AA × Fail

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, 14.405, 224.233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

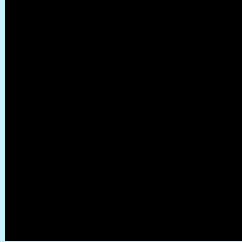
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 14.405, 224.233

Background



This preview shows how black text looks on a background with the CIELCh color 93, 14.405, 224.233.



This preview shows how white text looks on a background with the CIELCh color 93, 14.405, 224.233.

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, 14.413, 224.239

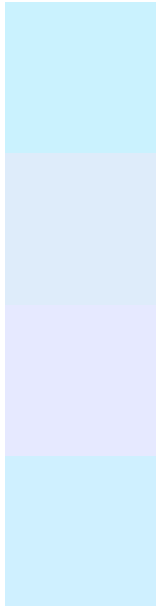
Protanopia
93, 7.767, 293.349

Deuteranopia
93, 15.358, 315.101



Tritanopia
93, 12.521, 240.397

Trichromacy



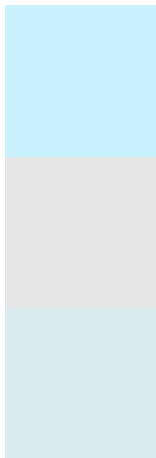
Original Color
93, 14.413, 224.239

Protanomaly
93, 8.570, 256.962

Deuteranomaly
93, 11.396, 285.944

Tritanomaly
93, 13.215, 234.875

Monochromacy



Original Color
93, 14.413, 224.239

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 5.559, 221.075

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 14.405, 224.233 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(202, 242, 254)` looks like.

```
.text, #text, p{  
    color:rgb(202, 242, 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(202, 242, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 242, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 14.405, 224.233 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(202, 242, 254) }
```

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

```
.border{ border-color:rgb(202, 242, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 242, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 242, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 242, 254);  
box-shadow:4px 4px 4px 4px rgb(202, 242,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 14.405, 224.233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 242, 254) }
```

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

```
.background{ background-color: rgb(202,  
242, 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](#).

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