

Converting Colors

CIELCh(95, 19.027, 261.205)

Have a look what the booklet for
CIELCh(95, 19.027, 261.205)
contains.

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Color

CIElCh(94, 11.388, 228.793)

Conversions

Conversions Part 1

Format	Color
Hex	D5F3FE
RGB	213, 243, 254
RGB Percent	84%, 95%, 100%
CMY	0.1653, 0.0477, 0.0046
CMYK	0.16, 0.04, 0.00, 0.00
HSL	196°, 95%, 92%
HSV	196°, 16%, 100%
XYZ	77.2614, 85.2715, 106.0060
YIQ	235.2840, -21.4110, -2.9390

Conversions

Conversions Part 2

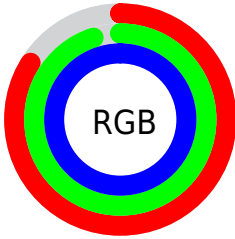
Format	Color
R_{YB}	213, 230, 254
Decimal	14021630
CIE _{Lab}	94.00, -7.50, -8.57
CIE _{LCh}	94, 11.388, 228.793
Yxy	85.2715, 0.2877, 0.3175
Android (android.graphics.Color)	4292211710 (0xFFD5F3FE)
YUV	235.2840, 9.2270, -19.5431
Hunter-Lab	92.3426, -12.2518, -3.4230

Details

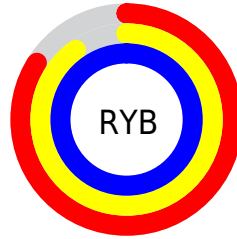
The CIELCh color **94, 11.388, 228.793** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **91, 12.552, 46.792**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 11.293, 227.519** is the 20% darker color. If you saturate the color by 10%, you get **91, 17.929, 229.727**, and if you desaturate by 10%, it is **97, 4.437, 228.131**.

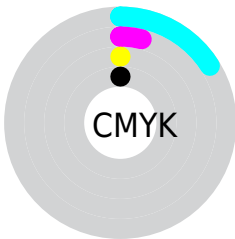
Distribution



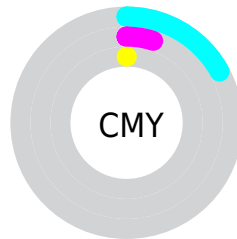
- Red (84%)
- Green (95%)
- Blue (100%)



- Red (84%)
- Yellow (90%)
- Blue (100%)



- Cyan (16%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)





- Cyan (17%)
- Magenta (5%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 11.388, 228.793 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 94, 11.388, 228.793 by changing the saturation by 10% instead.


 94, 11.388,
228.793


 94, 11.388,
228.793


 100, 11.388,
228.793


 84, 11.388,
228.793

 74, 11.388,
228.793

 64, 11.388,
228.793

 54, 11.388,
228.793

 44, 11.388,
228.793

 34, 11.388,
228.793

 24, 11.388,

228.793

■ 14, 11.388,
228.793

■ 4, 11.388, 228.793

■ 94, 11.388,
228.793

■ 94, 11.388,
228.793

■ 91, 17.929,
229.727

■ 97, 4.437, 228.131

■ 87, 23.965,
230.970

100, 0.584,
110.002

■ 84, 29.398,
232.581

■ 82, 34.144,
234.645

■ 79, 38.150,
237.256

■ 76, 41.415,
240.509

■ 74, 44.020,
244.465

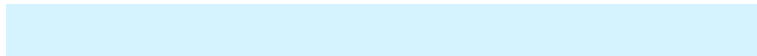
■ 72, 46.142,
249.113

■ 71, 46.927,
250.997

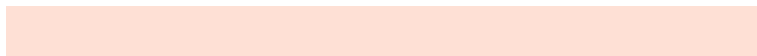
Harmonies

Complementary

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



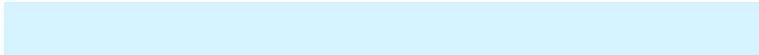
94, 11.388, 228.793



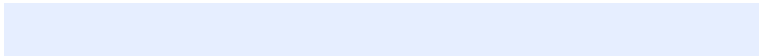
91, 12.552, 46.792

Rectangle

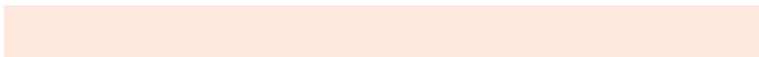
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 11.388, 228.793



94, 11.388, 278.793



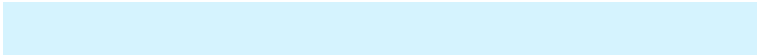
94, 11.388, 48.793



94, 11.388, 98.793

Sweetspot

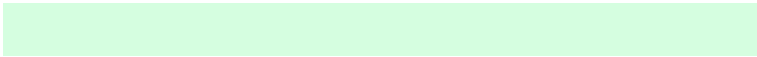
The Sweet Spot groups the original color and five complimentary colors.



94, 11.388, 228.783



98, 3.636, 228.091



96, 21.228, 151.820



52, 2.477, 228.114



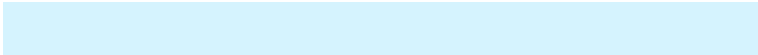
0, 0.000, 0.000



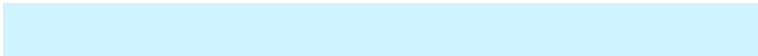
53, 0.007, 296.813

Same Dimension

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



94, 11.388, 228.783



93, 13.354, 229.025



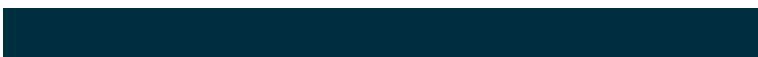
89, 16.609, 280.448



51, 4.092, 228.308



55, 37.698, 250.080



17, 16.718, 243.422

Inverse Universe

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



89, 21.327, 334.109



88, 25.233, 334.317



96, 16.387, 96.398



50, 7.509, 333.635



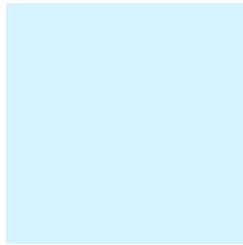
43, 75.891, 342.648



11, 35.708, 340.463

Previews

White Background



This preview shows how the CIELCh color 94, 11.388, 228.793 looks on a white background.

Color Contrast Check

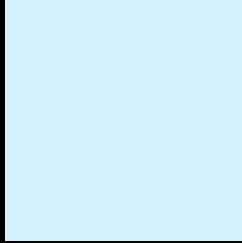
Large Text (above 18pt) WCAG AA × Fail

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 94, 11.388, 228.793 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

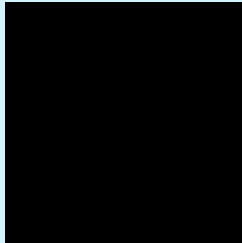
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

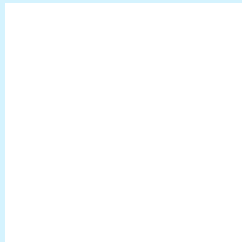
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 11.388, 228.793

Background



This preview shows how black text looks on a background with the CIELCh color 94, 11.388, 228.793.



This preview shows how white text looks on a background with the CIELCh color 94, 11.388, 228.793.

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

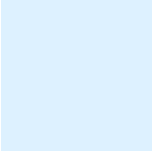
94, 11.395, 228.798

Protanopia

94, 7.263, 296.217

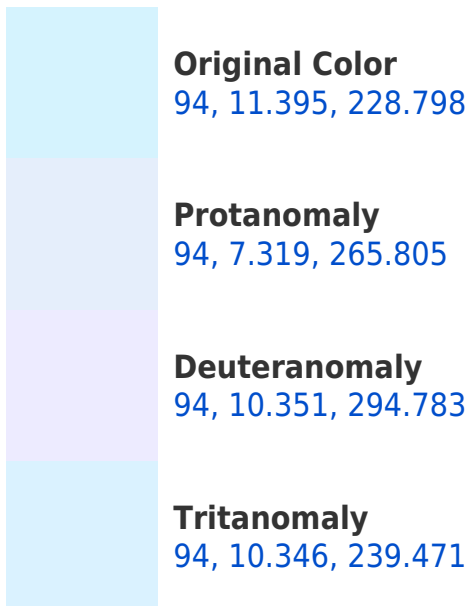
Deuteranopia

94, 14.260, 320.211



Tritanopia
94, 9.748, 246.967

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 11.388, 228.793 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(213, 243, 254)` looks like.

```
.text, #text, p{  
    color:rgb(213, 243, 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(213, 243, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 243, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 11.388, 228.793 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(213, 243, 254) }
```

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

```
.border{ border-color:rgb(213, 243, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 243, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 243, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 243, 254);  
box-shadow:4px 4px 4px 4px rgb(213, 243,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 11.388, 228.793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 243, 254) }
```

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

```
.background{ background-color: rgb(213,  
243, 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](#).

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