

Converting Colors

CIELCh(94, 12.502, 223.988)

Have a look what the booklet for
CIELCh(94, 12.502, 223.988)
contains.

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Color

CIElCh(94, 12.613, 222.958)

Conversions

Conversions Part 1

Format	Color
Hex	D1F4FE
RGB	209, 244, 254
RGB Percent	82%, 96%, 100%
CMY	0.1810, 0.0438, 0.0046
CMYK	0.18, 0.04, 0.00, 0.00
HSL	193°, 95%, 91%
HSV	193°, 18%, 100%
XYZ	76.4059, 85.2715, 106.0505
YIQ	234.6750, -24.0700, -4.3100

Conversions

Conversions Part 2

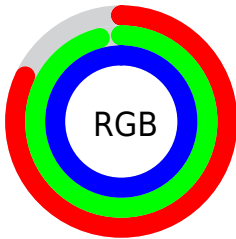
Format	Color
R _Y B	209, 229, 254
Decimal	13759742
CIE Lab	94.00, -9.23, -8.60
CIE LCh	94, 12.613, 222.958
Yxy	85.2715, 0.2854, 0.3185
Android (android.graphics.Color)	4291949822 (0xFFD1F4FE)
YUV	234.6750, 9.5272, -22.5170
Hunter-Lab	92.3426, -13.9055, -3.4516

Details

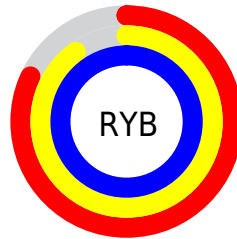
The CIELCh color `94, 12.613, 222.958` is a light color, and the websafe version is hex `CCFFFF`. A complement of this color would be `90, 14.144, 41.571`, and the grayscale version is `93, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `74, 12.564, 221.531` is the 20% darker color. If you saturate the color by 10%, you get `91, 19.109, 223.662`, and if you desaturate by 10%, it is `97, 5.646, 222.484`.

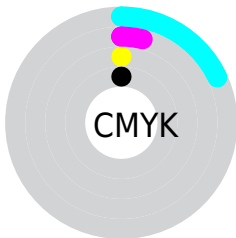
Distribution



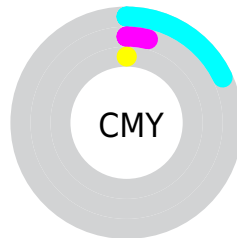
- Red (82%)
- Green (96%)
- Blue (100%)



- Red (82%)
- Yellow (90%)
- Blue (100%)



- Cyan (18%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)




- Cyan (18%)
- Magenta (4%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 12.613, 222.958 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, 12.613, 222.958 by changing the saturation by 10% instead.

 94, 12.613,
222.958


 94, 12.613,
222.958

 100, 12.613,
222.958


 84, 12.613,
222.958

 74, 12.613,
222.958

 64, 12.613,
222.958

 54, 12.613,
222.958

 44, 12.613,
222.958

 34, 12.613,
222.958

 24, 12.613,

222.958

■ 14, 12.613,
222.958

■ 4, 12.613, 222.958

■ 94, 12.613,
222.958

■ 94, 12.613,
222.958

■ 91, 19.109,
223.662

■ 97, 5.646, 222.484

■ 88, 25.024,
224.644

100, 0.584,
110.002

■ 86, 30.249,
225.955

■ 83, 34.688,
227.675

■ 81, 38.276,
229.893

■ 79, 41.004,
232.700

■ 77, 42.944,
236.172

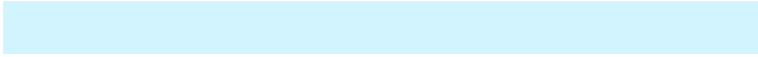
■ 75, 44.279,
240.313

■ 74, 44.560,
241.295

Harmonies

Complementary

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



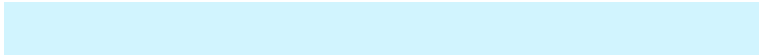
94, 12.613, 222.958



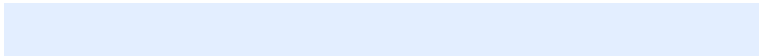
90, 14.144, 41.571

Rectangle

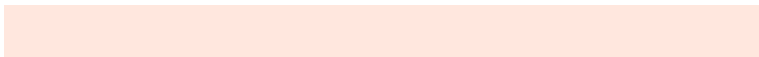
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 12.613, 222.958



94, 12.613, 272.958



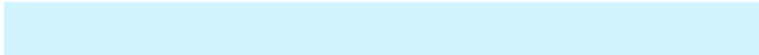
94, 12.613, 42.958



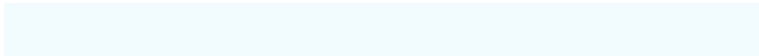
94, 12.613, 92.958

Sweetspot

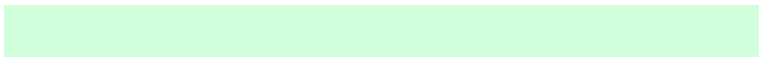
The Sweet Spot groups the original color and five complimentary colors.



94, 12.613, 222.949



98, 3.692, 222.430



96, 24.202, 149.877



52, 2.514, 222.437



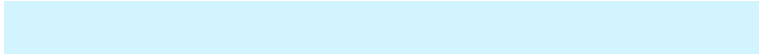
0, 0.000, 0.000



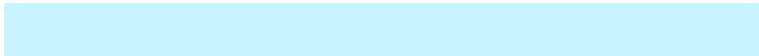
53, 0.007, 296.813

Same Dimension

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



94, 12.613, 222.949



93, 14.852, 223.156



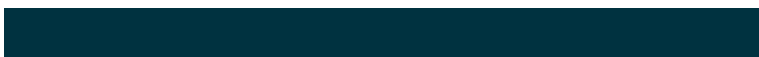
88, 17.247, 277.360



52, 4.152, 222.544



57, 35.906, 240.478



18, 16.249, 234.673

Inverse Universe

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



88, 24.213, 332.453



87, 28.821, 332.678



95, 17.140, 92.715



50, 7.760, 331.894



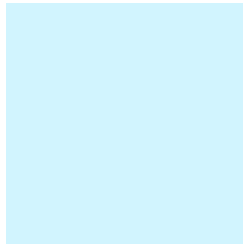
43, 78.392, 339.570



11, 36.781, 337.908

Previews

White Background



This preview shows how the CIE LCh color 94, 12.613, 222.958 looks on a white background.

Color Contrast Check

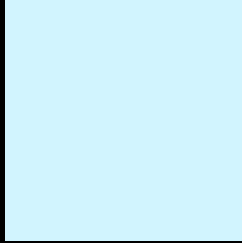
Large Text (above 18pt) WCAG AA × Fail

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, 12.613, 222.958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

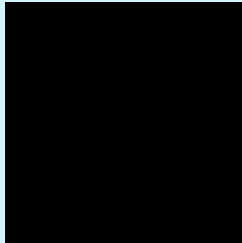
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 12.613, 222.958

Background



This preview shows how black text looks on a background with the CIELCh color 94, 12.613, 222.958.

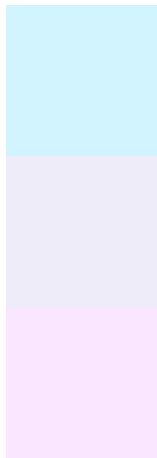


This preview shows how white text looks on a background with the CIELCh color 94, 12.613, 222.958.

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, 12.613, 222.958

Protanopia

94, 6.751, 296.605

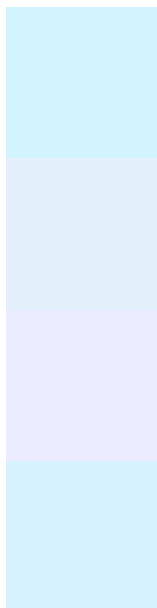
Deuteranopia

94, 14.093, 318.961



Tritanopia
94, 10.200, 244.218

Trichromacy



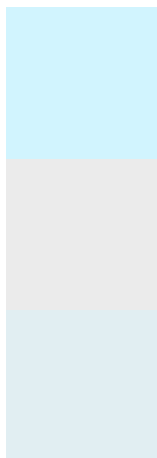
Original Color
94, 12.613, 222.958

Protanomaly
94, 7.347, 256.735

Deuteranomaly
94, 9.796, 288.948

Tritanomaly
94, 11.105, 236.177

Monochromacy



Original Color
94, 12.613, 222.958

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 4.921, 224.075

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 12.613, 222.958 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(209, 244, 254)` looks like.

```
.text, #text, p{  
    color:rgb(209, 244, 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(209, 244, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 244, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 12.613, 222.958 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(209, 244, 254) }
```

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

```
.border{ border-color:rgb(209, 244, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 244, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 244, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 244, 254);  
box-shadow:4px 4px 4px 4px rgb(209, 244,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 12.613, 222.958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 244, 254) }
```

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

```
.background{ background-color: rgb(209,  
244, 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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