

Converting Colors

CIELCh(94, 11.759, 226.420)

Have a look what the booklet for
CIELCh(94, 11.759, 226.420)
contains.

CIELCh(94, 11.675, 227.997)	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(94, 11.675, 227.997)

Conversions

Conversions Part 1

Format	Color
Hex	D4F3FE
RGB	212, 243, 254
RGB Percent	83%, 95%, 100%
CMY	0.1685, 0.0470, 0.0038
CMYK	0.17, 0.04, 0.00, 0.00
HSL	196°, 96%, 91%
HSV	196°, 17%, 100%
XYZ	77.1073, 85.2715, 106.1798
YIQ	234.9850, -22.0070, -3.1510

Conversions

Conversions Part 2

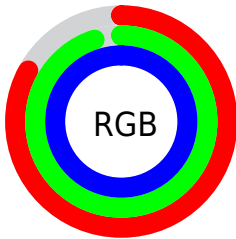
Format	Color
R _Y B	212, 230, 254
Decimal	13956094
CIE Lab	94.00, -7.81, -8.68
CIE LCh	94, 11.675, 227.997
Yxy	85.2715, 0.2871, 0.3175
Android (android.graphics.Color)	4292146174 (0xFFD4F3FE)
YUV	234.9850, 9.3744, -20.1578
Hunter-Lab	92.3426, -12.5496, -3.5346

Details

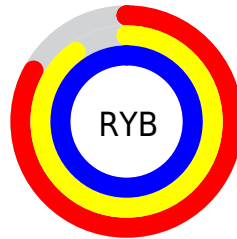
The CIELCh color `94, 11.675, 227.997` is a light color, and the websafe version is hex `CCFFFF`. A complement of this color would be `91, 12.915, 46.049`, and the grayscale version is `93, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `74, 11.582, 226.717` is the 20% darker color. If you saturate the color by 10%, you get `91, 18.202, 228.906`, and if you desaturate by 10%, it is `97, 4.728, 227.353`.

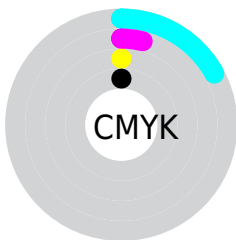
Distribution



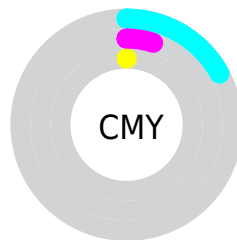
- Red (83%)
- Green (95%)
- Blue (100%)



- Red (83%)
- Yellow (90%)
- Blue (100%)



- Cyan (17%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)




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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 11.675, 227.997 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, 11.675, 227.997 by changing the saturation by 10% instead.


 94, 11.675,
227.997


 94, 11.675,
227.997

 100, 11.675,
227.997


 84, 11.675,
227.997

 74, 11.675,
227.997

 64, 11.675,
227.997

 54, 11.675,
227.997

 44, 11.675,
227.997

 34, 11.675,
227.997

 24, 11.675,

227.997

■ 14, 11.675,
227.997

■ 4, 11.675, 227.997

■ 94, 11.675,
227.997

■ 94, 11.675,
227.997

■ 91, 18.202,
228.906

■ 97, 4.728, 227.353

■ 88, 24.210,
230.121

100, 0.484,
109.982

■ 85, 29.602,
231.701

■ 82, 34.291,
233.730

■ 79, 38.222,
236.305

■ 77, 41.395,
239.517

■ 74, 43.892,
243.431

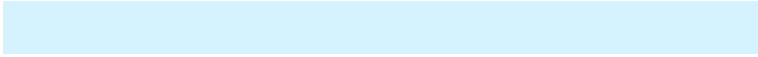
■ 72, 45.891,
248.037

■ 71, 46.556,
249.707

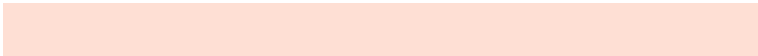
Harmonies

Complementary

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



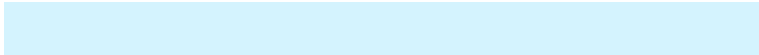
94, 11.675, 227.997



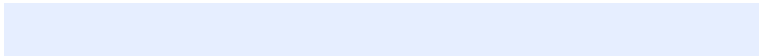
91, 12.915, 46.049

Rectangle

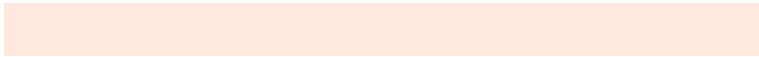
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 11.675, 227.997



94, 11.675, 277.997



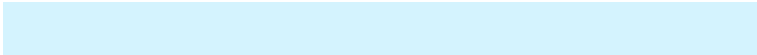
94, 11.675, 47.997



94, 11.675, 97.997

Sweetspot

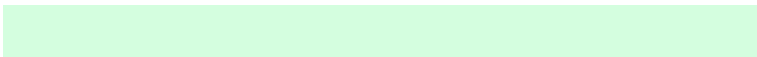
The Sweet Spot groups the original color and five complimentary colors.



94, 11.675, 227.987



98, 3.641, 227.300



96, 22.033, 151.168



52, 2.480, 227.321



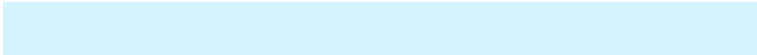
0, 0.000, 0.000



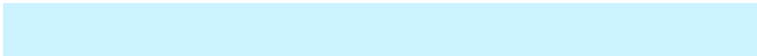
53, 0.007, 296.813

Same Dimension

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



94, 11.675, 227.987



93, 14.033, 228.275



89, 16.709, 279.437



51, 4.098, 227.504



55, 37.394, 248.797



17, 16.632, 242.234

Inverse Universe

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



89, 21.965, 333.887



87, 26.689, 334.137



96, 16.522, 95.228



50, 7.543, 333.387



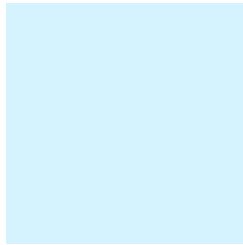
43, 76.221, 342.207



11, 35.851, 340.098

Previews

White Background



This preview shows how the CIELCh color 94, 11.675, 227.997 looks on a white background.

Color Contrast Check

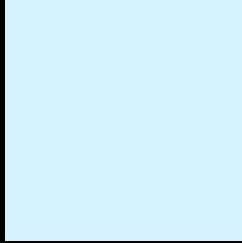
Large Text (above 18pt) WCAG AA × Fail

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, 11.675, 227.997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

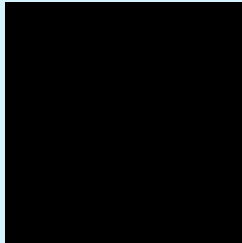
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

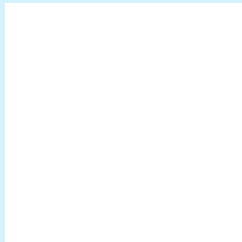
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 11.675, 227.997

Background



This preview shows how black text looks on a background with the CIELCh color 94, 11.675, 227.997.



This preview shows how white text looks on a background with the CIELCh color 94, 11.675, 227.997.

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

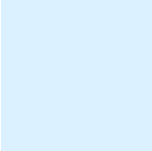
94, 11.675, 227.997

Protanopia

94, 7.263, 296.217

Deuteranopia

94, 14.093, 318.961



Tritanopia
94, 9.972, 245.560

Trichromacy



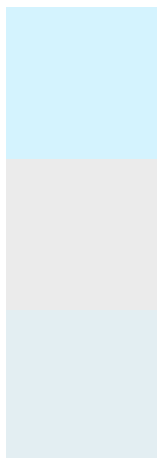
Original Color
94, 11.675, 227.997

Protanomaly
94, 7.006, 261.403

Deuteranomaly
94, 10.329, 292.888

Tritanomaly
94, 10.596, 238.319

Monochromacy



Original Color
94, 11.675, 227.997

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 4.310, 227.944

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 11.675, 227.997 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(212, 243, 254)` looks like.

```
.text, #text, p{  
    color:rgb(212, 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(212, 243, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 243, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 11.675, 227.997 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(212, 243, 254) }
```

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

```
.border{ border-color:rgb(212, 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(212, 243, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 243, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 243, 254);  
box-shadow:4px 4px 4px 4px rgb(212, 243,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 11.675, 227.997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 243, 254) }
```

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

```
.background{ background-color: rgb(212,  
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](#).

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