

Converting Colors

CIELCh(100, 80.822, 290.619)

Have a look what the booklet for
CIELCh(100, 80.822, 290.619)
contains.

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Color

CIELCh(94, 11.110, 229.635)

Conversions

Conversions Part 1

Format	Color
Hex	D6F3FE
RGB	214, 243, 254
RGB Percent	84%, 95%, 100%
CMY	0.1621, 0.0484, 0.0053
CMYK	0.16, 0.04, 0.00, 0.01
HSL	196°, 94%, 92%
HSV	196°, 16%, 99%
XYZ	77.4138, 85.2715, 105.8417
YIQ	235.5830, -20.8150, -2.7270

Conversions

Conversions Part 2

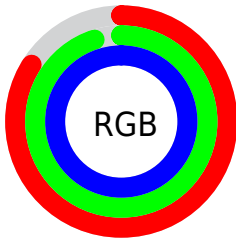
Format	Color
R _Y B	214, 231, 254
Decimal	14087166
CIE Lab	94.00, -7.20, -8.47
CIE LCh	94, 11.110, 229.635
Yxy	85.2715, 0.2883, 0.3176
Android (android.graphics.Color)	4292277246 (0xFFD6F3FE)
YUV	235.5830, 9.0796, -18.9283
Hunter-Lab	92.3426, -11.9571, -3.3175

Details

The CIELCh color **94, 11.110, 229.635** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **91, 12.202, 47.580**, 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, 11.004, 228.364** is the 20% darker color. If you saturate the color by 10%, you get **91, 17.666, 230.595**, and if you desaturate by 10%, it is **97, 4.155, 228.955**.

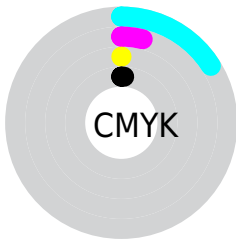
Distribution



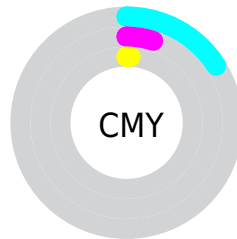
- Red (84%)
- Green (95%)
- Blue (100%)



- Red (84%)
- Yellow (91%)
- Blue (100%)



- Cyan (16%)
- Magenta (4%)
- Yellow (0%)
- Black (1%)





- Cyan (16%)
- Magenta (5%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 11.110, 229.635 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, 11.110, 229.635 by changing the saturation by 10% instead.


 94, 11.110,
229.635


 94, 11.110,
229.635


 100, 11.110,
229.635


 84, 11.110,
229.635

 74, 11.110,
229.635

 64, 11.110,
229.635

 54, 11.110,
229.635

 44, 11.110,
229.635

 34, 11.110,
229.635

 24, 11.110,

229.635

■ 14, 11.110,
229.635

■ 4, 11.110, 229.635

■ 94, 11.110,
229.635

■ 94, 11.110,
229.635

■ 91, 17.666,
230.595

■ 97, 4.155, 228.955

■ 87, 23.730,
231.868

100, 0.678,
110.013

■ 84, 29.206,
233.512

■ 81, 34.012,
235.611

■ 79, 38.096,
238.262

■ 76, 41.457,
241.556

■ 74, 44.176,
245.555

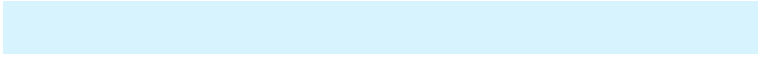
■ 71, 46.428,
250.243

■ 70, 47.346,
252.340

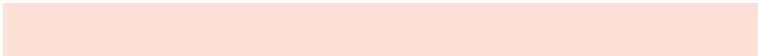
Harmonies

Complementary

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



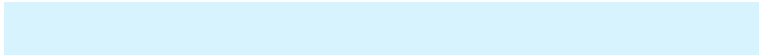
94, 11.110, 229.635



91, 12.202, 47.580

Rectangle

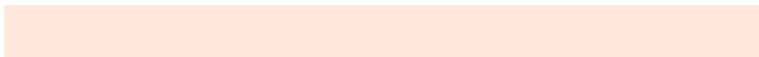
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



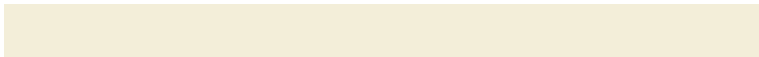
94, 11.110, 229.635



94, 11.110, 279.635



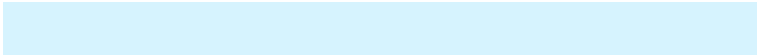
94, 11.110, 49.635



94, 11.110, 99.635

Sweetspot

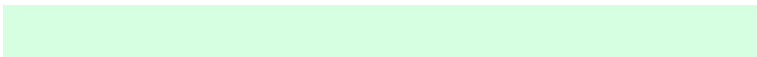
The Sweet Spot groups the original color and five complimentary colors.



94, 11.110, 229.624



98, 3.631, 228.927



96, 20.709, 151.852



52, 2.473, 228.953



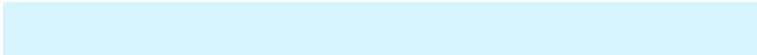
0, 0.000, 0.000



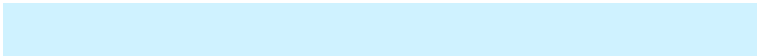
53, 0.007, 296.813

Same Dimension

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



94, 11.110, 229.624



93, 13.342, 229.909



89, 16.196, 280.392



51, 4.087, 229.160



54, 38.039, 251.415



17, 16.816, 244.664

Inverse Universe

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



90, 20.705, 334.348



88, 25.114, 334.585



96, 15.984, 96.445



50, 7.473, 333.898



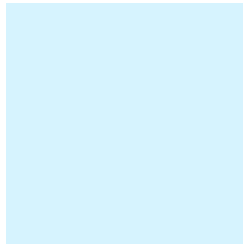
43, 75.548, 343.119



11, 35.558, 340.852

Previews

White Background



This preview shows how the CIE LCh color 94, 11.110, 229.635 looks on a white background.

Color Contrast Check

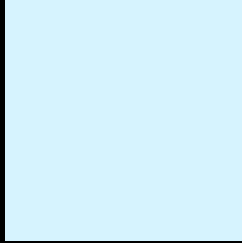
Large Text (above 18pt) WCAG AA × Fail

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, 11.110, 229.635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

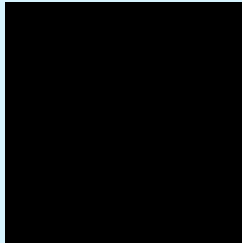
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 11.110, 229.635

Background



This preview shows how black text looks on a background with the CIELCh color 94, 11.110, 229.635.



This preview shows how white text looks on a background with the CIELCh color 94, 11.110, 229.635.

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, 11.117, 229.640

Protanopia

94, 7.263, 296.217

Deuteranopia

94, 14.260, 320.211



Tritanopia
94, 9.915, 250.535

Trichromacy



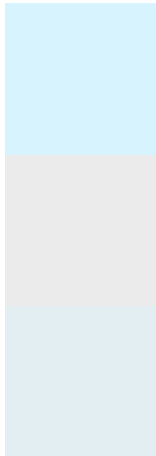
Original Color
94, 11.117, 229.640

Protanomaly
94, 7.319, 265.805

Deuteranomaly
94, 10.351, 294.783

Tritanomaly
94, 10.433, 242.937

Monochromacy



Original Color
94, 11.117, 229.640

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, 11.110, 229.635 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(214, 243, 254)` looks like.

```
.text, #text, p{  
    color:rgb(214, 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(214, 243, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 243, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 11.110, 229.635 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(214, 243, 254) }
```

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

```
.border{ border-color:rgb(214, 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(214, 243, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 243, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 243, 254);  
box-shadow:4px 4px 4px 4px rgb(214, 243,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 11.110, 229.635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 243, 254) }
```

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

```
.background{ background-color: rgb(214,  
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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