

Converting Colors

CIELCh(97, 50.661, 284.972)

Have a look what the booklet for
CIELCh(97, 50.661, 284.972)
contains.

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Color

CIELCh(94, 11.090, 232.904)

Conversions

Conversions Part 1

Format	Color
Hex	D6F2FE
RGB	214, 242, 254
RGB Percent	84%, 95%, 100%
CMY	0.1592, 0.0494, 0.0024
CMYK	0.16, 0.05, 0.00, 0.00
HSL	198°, 97%, 92%
HSV	198°, 16%, 100%
XYZ	77.6660, 85.2715, 106.4528
YIQ	234.9960, -20.5400, -2.2040

Conversions

Conversions Part 2

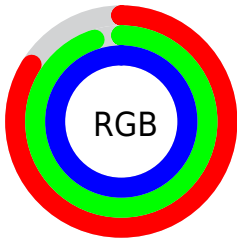
Format	Color
R _Y B	214, 230, 254
Decimal	14086910
CIE Lab	94.00, -6.69, -8.85
CIE LCh	94, 11.090, 232.904
Yxy	85.2715, 0.2883, 0.3165
Android (android.graphics.Color)	4292276990 (0xFFD6F2FE)
YUV	234.9960, 9.3690, -18.4135
Hunter-Lab	92.3426, -11.4696, -3.7099

Details

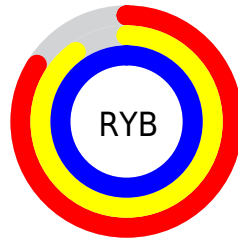
The CIELCh color **94, 11.090, 232.904** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **92, 12.125, 50.492**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 10.973, 231.841** is the 20% darker color. If you saturate the color by 10%, you get **90, 17.684, 233.998**, and if you desaturate by 10%, it is **98, 4.124, 232.104**.

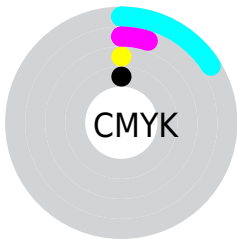
Distribution



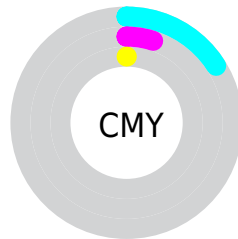
- Red (84%)
- Green (95%)
- Blue (100%)



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



- Cyan (16%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)




- Cyan (16%)
- Magenta (5%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 11.090, 232.904 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, 11.090, 232.904 by changing the saturation by 10% instead.


 94, 11.090,
232.904


 94, 11.090,
232.904


 100, 11.090,
232.904


 84, 11.090,
232.904

 74, 11.090,
232.904

 64, 11.090,
232.904

 54, 11.090,
232.904

 44, 11.090,
232.904

 34, 11.090,
232.904

 24, 11.090,

232.904

■ 14, 11.090,
232.904

■ 4, 11.090, 232.904

■ 94, 11.090,
232.904

■ 94, 11.090,
232.904

■ 90, 17.684,
233.998

■ 98, 4.124, 232.104

■ 87, 23.821,
235.421

100, 0.301,
109.898

■ 84, 29.411,
237.234

■ 81, 34.383,
239.524

■ 78, 38.693,
242.386

■ 75, 42.354,
245.905

■ 72, 45.456,
250.127

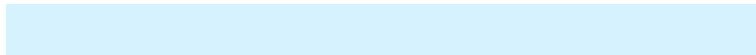
■ 70, 48.183,
255.010

■ 69, 49.335,
257.192

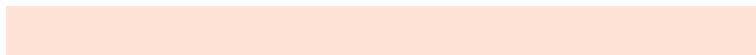
Harmonies

Complementary

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



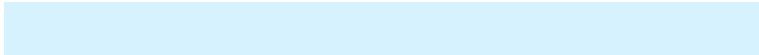
94, 11.090, 232.904



92, 12.125, 50.492

Rectangle

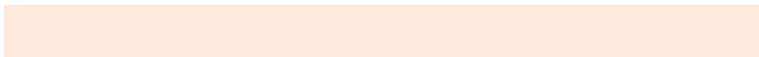
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 11.090, 232.904



94, 11.090, 282.904



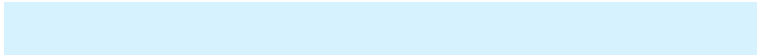
94, 11.090, 52.904



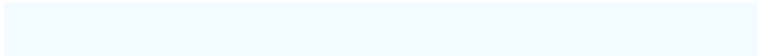
94, 11.090, 102.904

Sweetspot

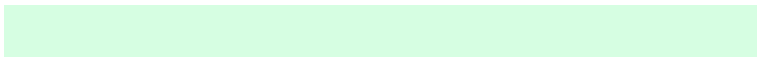
The Sweet Spot groups the original color and five complimentary colors.



94, 11.090, 232.893



98, 3.619, 232.069



96, 20.452, 152.489



52, 2.465, 232.103



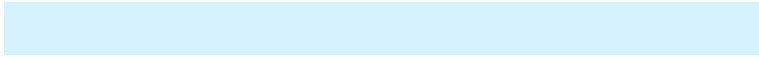
0, 0.000, 0.000



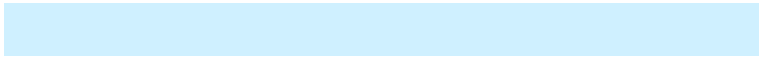
53, 0.007, 296.813

Same Dimension

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



94, 11.090, 232.893



93, 13.325, 233.224



89, 16.508, 281.417



51, 4.076, 232.355



53, 39.479, 256.232



17, 17.247, 249.207

Inverse Universe

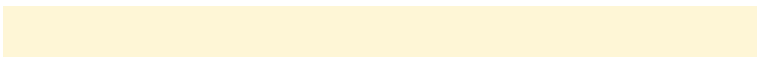
The Inverse Universe completely reimagines the original color for something new.



90, 20.341, 335.366



88, 24.678, 335.613



97, 16.256, 97.532



50, 7.341, 334.905



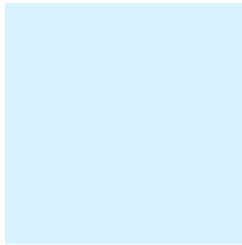
43, 74.321, 344.930



11, 35.017, 342.346

Previews

White Background



This preview shows how the CIE LCh color 94, 11.090, 232.904 looks on a white background.

Color Contrast Check

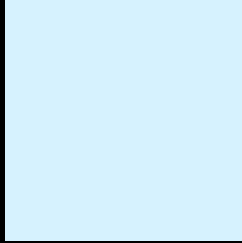
Large Text (above 18pt) WCAG AA × Fail

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, 11.090, 232.904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

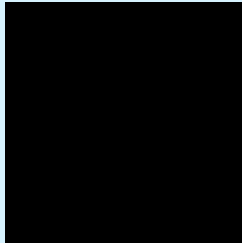
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

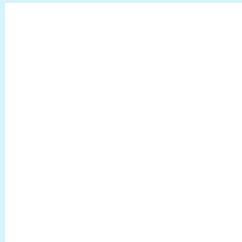
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 11.090, 232.904

Background



This preview shows how black text looks on a background with the CIELCh color 94, 11.090, 232.904.



This preview shows how white text looks on a background with the CIELCh color 94, 11.090, 232.904.

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](#).

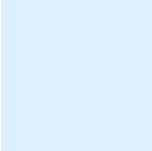
Dichromacy



Original Color
94, 11.097, 232.909

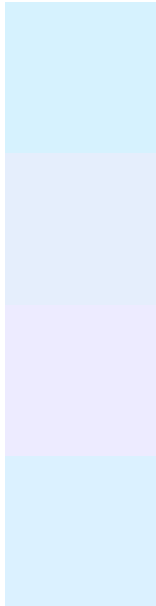
Protanopia
94, 7.263, 296.217

Deuteranopia
94, 14.093, 318.961



Tritanopia
94, 9.915, 250.535

Trichromacy



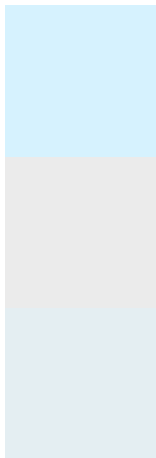
Original Color
94, 11.097, 232.909

Protanomaly
94, 7.786, 267.475

Deuteranomaly
94, 10.351, 294.783

Tritanomaly
94, 10.200, 244.218

Monochromacy



Original Color
94, 11.097, 232.909

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 4.012, 230.318

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 11.090, 232.904 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, 242, 254)` looks like.

```
.text, #text, p{  
    color:rgb(214, 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(214, 242, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 242, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 11.090, 232.904 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, 242, 254) }
```

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

```
.border{ border-color:rgb(214, 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(214, 242, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 242, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 242, 254);  
box-shadow:4px 4px 4px 4px rgb(214, 242,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 11.090, 232.904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 242, 254) }
```

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

```
.background{ background-color: rgb(214,  
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](#).

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