

Converting Colors

CIELCh(95, 14.789, 214.783)

Have a look what the booklet for
CIELCh(95, 14.789, 214.783)
contains.

CIELCh(95, 14.580, 212.934)	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(95, 14.580, 212.934)

Conversions

Conversions Part 1

Format	Color
Hex	CDF8FF
RGB	205, 248, 255
RGB Percent	80%, 97%, 100%
CMY	0.1947, 0.0261, 0.0000
CMYK	0.19, 0.03, 0.00, 0.00
HSL	188°, 100%, 90%
HSV	188°, 19%, 100%
XYZ	77.0507, 87.6183, 107.7535
YIQ	235.9410, -27.8750, -6.9390

Conversions

Conversions Part 2

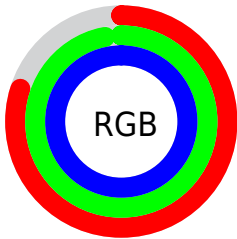
Format	Color
R _Y B	205, 228, 255
Decimal	13498623
CIE Lab	95.00, -12.24, -7.93
CIE LCh	95, 14.580, 212.934
Yxy	87.6183, 0.2828, 0.3216
Android (android.graphics.Color)	4291688703 (0xFFC8DF8FF)
YUV	235.9410, 9.3961, -27.1353
Hunter-Lab	93.6047, -16.8758, -2.7288

Details

The CIELCh color **95, 14.580, 212.934** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **88, 16.629, 32.428**, 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 **75, 14.629, 211.247** is the 20% darker color. If you saturate the color by 10%, you get **93, 21.245, 212.426**, and if you desaturate by 10%, it is **97, 7.292, 212.180**.

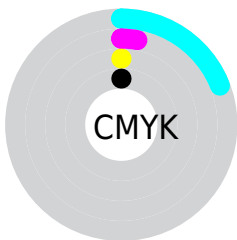
Distribution



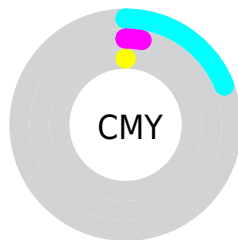
- Red (80%)
- Green (97%)
- Blue (100%)



- Red (80%)
- Yellow (89%)
- Blue (100%)



- Cyan (19%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)





- Cyan (19%)
- Magenta (3%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 14.580, 212.934 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 95, 14.580, 212.934 by changing the saturation by 10% instead.


 95, 14.580,
212.934


 95, 14.580,
212.934


 100, 14.580,
212.934


 85, 14.580,
212.934

 75, 14.580,
212.934

 65, 14.580,
212.934

 55, 14.580,
212.934

 45, 14.580,
212.934

 35, 14.580,
212.934

 25, 14.580,

212.934

■ 15, 14.580,
212.934

■ 5, 14.580, 212.934

■ 95, 14.580,
212.934

■ 95, 14.580,
212.934

■ 93, 21.245,
212.426

■ 97, 7.292, 212.180

■ 90, 27.244,
212.818

100, 0.012,
296.813

■ 88, 32.420,
213.431

■ 87, 36.661,
214.314

■ 85, 39.889,
215.524

■ 84, 42.082,
217.119

■ 82, 43.293,
219.156

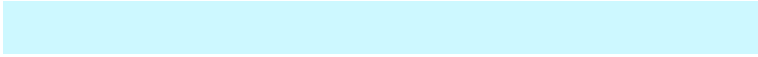
■ 81, 43.722,
221.634

■ 81, 43.738,
221.769

Harmonies

Complementary

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



95, 14.580, 212.934



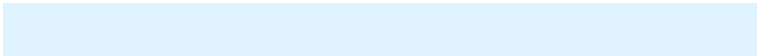
88, 16.629, 32.428

Rectangle

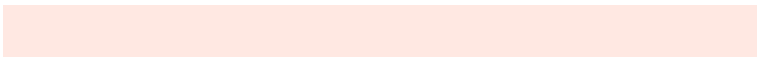
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



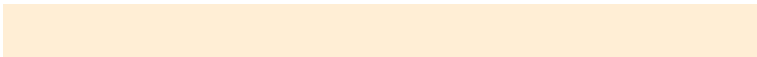
95, 14.580, 212.934



95, 14.580, 262.934



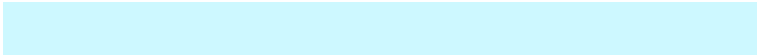
95, 14.580, 32.934



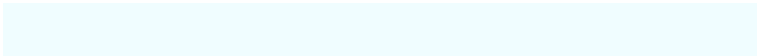
95, 14.580, 82.934

Sweetspot

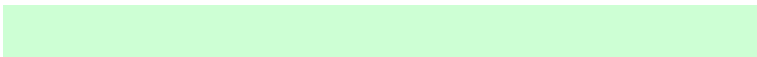
The Sweet Spot groups the original color and five complimentary colors.



95, 14.552, 212.218



98, 4.660, 212.229



96, 28.362, 146.988



52, 3.086, 212.215



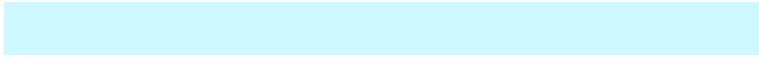
0, 0.000, 0.000



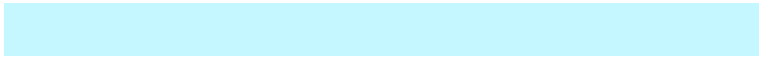
53, 0.007, 296.813

Same Dimension

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



95, 14.552, 212.218



94, 16.983, 212.272



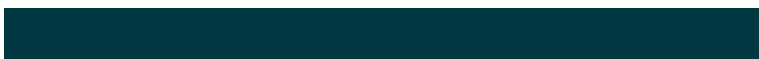
89, 17.304, 271.213



52, 4.376, 212.179



62, 35.257, 221.273



21, 16.343, 217.884

Inverse Universe

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



88, 28.416, 329.485



86, 33.576, 329.705



94, 17.519, 85.835



50, 8.259, 328.865



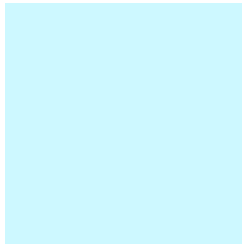
44, 83.799, 334.410



12, 39.038, 333.569

Previews

White Background



This preview shows how the CIE LCh color 95, 14.580, 212.934 looks on a white background.

Color Contrast Check

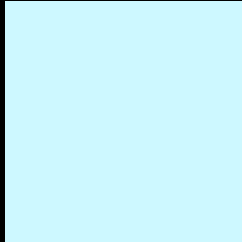
Large Text (above 18pt) WCAG AA × Fail

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 95, 14.580, 212.934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

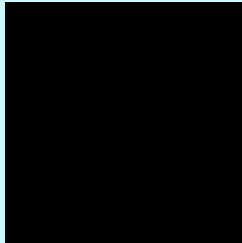
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 14.580, 212.934

Background



This preview shows how black text looks on a background with the CIELCh color 95, 14.580, 212.934.

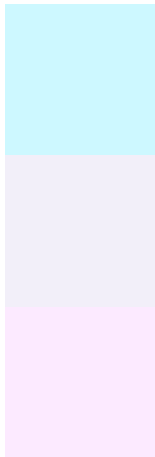


This preview shows how white text looks on a background with the CIELCh color 95, 14.580, 212.934.

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

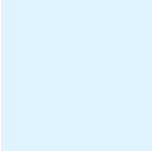
95, 14.580, 212.934

Protanopia

95, 5.267, 302.023

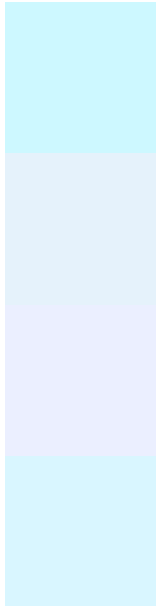
Deuteranopia

95, 12.552, 320.856



Tritanopia
95, 8.967, 238.274

Trichromacy



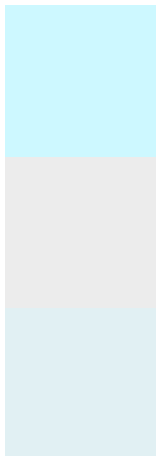
Original Color
95, 14.580, 212.934

Protanomaly
95, 6.357, 246.071

Deuteranomaly
95, 8.321, 281.361

Tritanomaly
95, 10.671, 224.654

Monochromacy



Original Color
95, 14.580, 212.934

Achromatopsia
93, 0.011, 296.813

Achromatomaly
94, 5.388, 215.888

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 14.580, 212.934 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(205, 248, 255)` looks like.

```
.text, #text, p{  
    color:rgb(205, 248, 255)  
}
```

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(205, 248, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 248, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 14.580, 212.934 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(205, 248, 255) }
```

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

```
.border{ border-color:rgb(205, 248, 255) }
```

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

Here you see how a box with a 4 pixel rgb(205, 248, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 248, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 248, 255);  
box-shadow:4px 4px 4px 4px rgb(205, 248,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 14.580, 212.934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 248, 255) }
```

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

```
.background{ background-color: rgb(205,  
248, 255) }
```

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