

Converting Colors

CIELCh(95, 10.050, 212.358)

Have a look what the booklet for
CIELCh(95, 10.050, 212.358)
contains.

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Color

CIELCh(95, 10.080, 213.674)

Conversions

Conversions Part 1

Format	Color
Hex	D9F6FB
RGB	217, 246, 251
RGB Percent	85%, 96%, 98%
CMY	0.1491, 0.0353, 0.0157
CMYK	0.14, 0.02, 0.00, 0.02
HSL	189°, 81%, 92%
HSV	189°, 14%, 98%
XYZ	78.9746, 87.6183, 104.0062
YIQ	237.8990, -18.8890, -4.5930

Conversions

Conversions Part 2

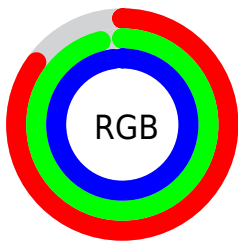
Format	Color
R_{YB}	217, 233, 251
Decimal	14284539
CIE _{Lab}	95.00, -8.39, -5.59
CIE _{LCh}	95, 10.080, 213.674
Yxy	87.6183, 0.2919, 0.3238
Android (android.graphics.Color)	4292474619 (0xFFD9F6FB)
YUV	237.8990, 6.4588, -18.3284
Hunter-Lab	93.6047, -13.2071, -0.3552

Details

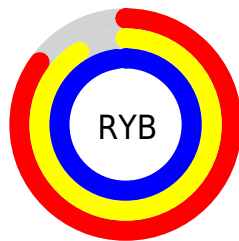
The CIELCh color **95, 10.080, 213.674** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **91, 11.028, 33.571**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 10.133, 214.233** is the 20% darker color. If you saturate the color by 10%, you get **93, 16.973, 213.844**, and if you desaturate by 10%, it is **98, 2.709, 213.760**.

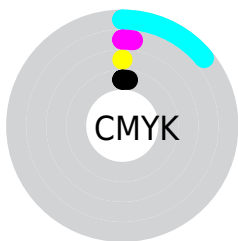
Distribution



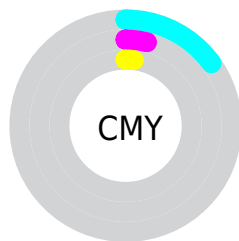
- Red (85%)
- Green (96%)
- Blue (98%)



- Red (85%)
- Yellow (91%)
- Blue (98%)



- Cyan (14%)
- Magenta (2%)
- Yellow (0%)
- Black (2%)





- Cyan (15%)
- Magenta (4%)
- Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 10.080, 213.674 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, 10.080, 213.674 by changing the saturation by 10% instead.


 95, 10.080,
213.674


 95, 10.080,
213.674


 100, 10.080,
213.674


 85, 10.080,
213.674

 75, 10.080,
213.674

 65, 10.080,
213.674

 55, 10.080,
213.674

 45, 10.080,
213.674

 35, 10.080,
213.674

 25, 10.080,

213.674

■ 15, 10.080,
213.674

■ 5, 10.080, 213.674

■ 95, 10.080,
213.674

■ 95, 10.080,
213.674

■ 93, 16.973,
213.844

■ 98, 2.709, 213.760

■ 90, 23.266,
214.207

■ 99, 1.321, 84.363

■ 88, 28.835,
214.781

■ 100, 2.023,
109.989

■ 86, 33.559,
215.617

■ 84, 37.341,
216.770

■ 83, 40.125,
218.305

■ 81, 41.918,
220.288

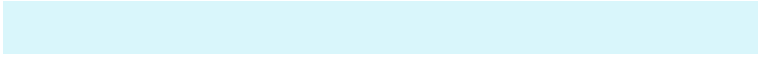
■ 80, 42.817,
222.772

■ 79, 43.068,
224.605

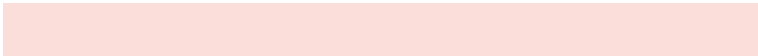
Harmonies

Complementary

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



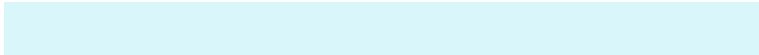
95, 10.080, 213.674



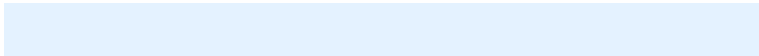
91, 11.028, 33.571

Rectangle

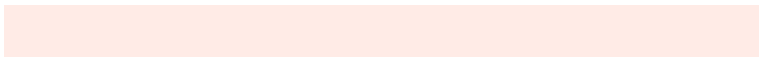
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 10.080, 213.674



95, 10.080, 263.674



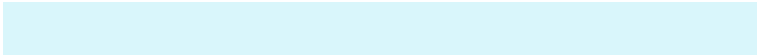
95, 10.080, 33.674



95, 10.080, 83.674

Sweetspot

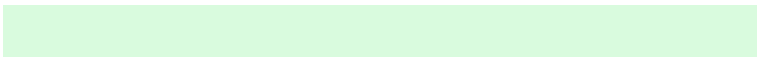
The Sweet Spot groups the original color and five complimentary colors.



95, 10.081, 213.662



99, 3.092, 213.734



96, 19.435, 147.443



53, 2.194, 213.703



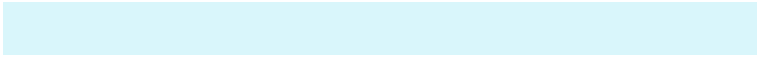
0, 0.000, 0.000



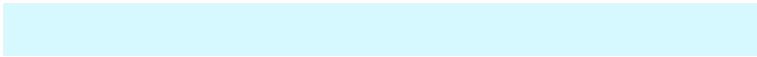
53, 0.007, 296.813

Same Dimension

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



95, 10.081, 213.662



96, 11.973, 213.691



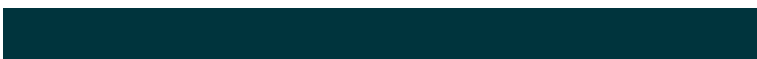
91, 11.844, 270.265



51, 4.263, 213.643



61, 34.776, 224.051



19, 15.829, 220.098

Inverse Universe

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



90, 19.293, 329.544



90, 23.109, 329.699



95, 11.935, 86.612



49, 8.049, 329.288



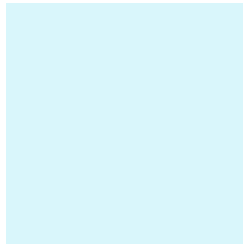
43, 82.137, 335.109



11, 37.699, 334.117

Previews

White Background



This preview shows how the CIE LCh color 95, 10.080, 213.674 looks on a white background.

Color Contrast Check

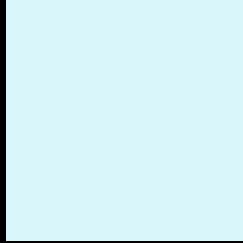
Large Text (above 18pt) WCAG AA × Fail

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, 10.080, 213.674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

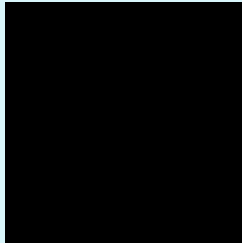
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 10.080, 213.674

Background



This preview shows how black text looks on a background with the CIELCh color 95, 10.080, 213.674.

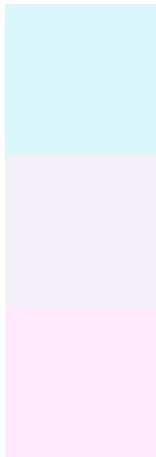


This preview shows how white text looks on a background with the CIELCh color 95, 10.080, 213.674.

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, 10.080, 213.674

Protanopia

95, 4.265, 304.732

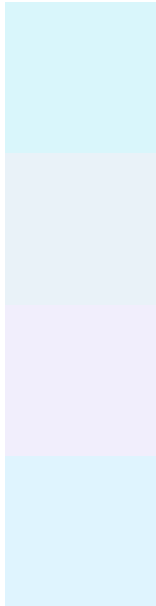
Deuteranopia

95, 11.879, 329.075



Tritanopia
95, 8.125, 248.708

Trichromacy



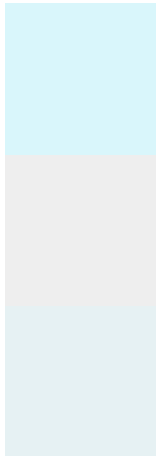
Original Color
95, 10.080, 213.674

Protanomaly
95, 4.343, 244.670

Deuteranomaly
95, 7.297, 298.919

Tritanomaly
95, 8.674, 235.507

Monochromacy



Original Color
95, 10.080, 213.674

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 3.945, 214.453

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 10.080, 213.674 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(217, 246, 251)` looks like.

```
.text, #text, p{  
    color:rgb(217, 246, 251)  
}
```

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(217, 246, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 246, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 10.080, 213.674 is called "border". The border property can be set on classes, ids or directly on the HTML element.

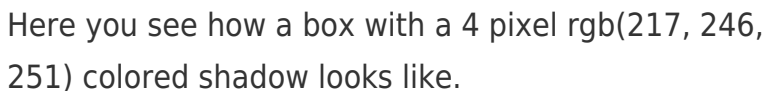
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 246, 251) }
```

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

```
.border{ border-color:rgb(217, 246, 251) }
```

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



Here you see how a box with a 4 pixel rgb(217, 246, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 246, 251); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 246, 251); box-shadow:4px 4px 4px 4px rgb(217, 246, 251) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 10.080, 213.674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 246, 251) }
```

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

```
.background{ background-color: rgb(217,  
246, 251) }
```

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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