

Converting Colors

CIELCh(98, 51.457, 283.040)

Have a look what the booklet for
CIELCh(98, 51.457, 283.040)
contains.

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Color

CIELCh(95, 12.281, 218.385)

Conversions

Conversions Part 1

Format	Color
Hex	D4F7FF
RGB	212, 247, 255
RGB Percent	83%, 97%, 100%
CMY	0.1692, 0.0319, 0.0006
CMYK	0.17, 0.03, 0.00, 0.00
HSL	191°, 99%, 92%
HSV	191°, 17%, 100%
XYZ	78.3523, 87.6183, 107.2662
YIQ	237.4470, -23.4280, -4.9320

Conversions

Conversions Part 2

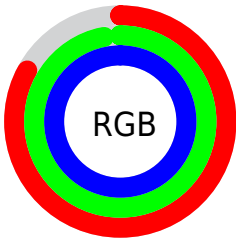
Format	Color
R _Y B	212, 231, 255
Decimal	13957119
CIE Lab	95.00, -9.63, -7.63
CIE LCh	95, 12.281, 218.385
Yxy	87.6183, 0.2868, 0.3207
Android (android.graphics.Color)	4292147199 (0xFFD4F7FF)
YUV	237.4470, 8.6536, -22.3170
Hunter-Lab	93.6047, -14.3938, -2.4200

Details

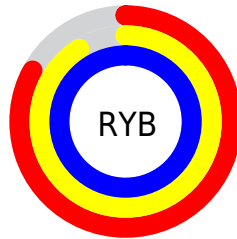
The CIELCh color `95, 12.281, 218.385` is a light color, and the websafe version is hex `CCFFFF`. A complement of this color would be `90, 13.735, 37.672`, and the grayscale version is `94, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `75, 12.254, 216.636` is the 20% darker color. If you saturate the color by 10%, you get `92, 18.927, 218.849`, and if you desaturate by 10%, it is `98, 5.140, 218.128`.

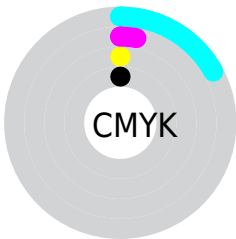
Distribution



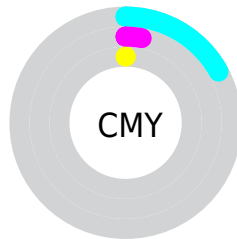
- Red (83%)
- Green (97%)
- Blue (100%)



- Red (83%)
- Yellow (91%)
- Blue (100%)



- Cyan (17%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)





- Cyan (17%)
- Magenta (3%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 12.281, 218.385 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, 12.281, 218.385 by changing the saturation by 10% instead.


 95, 12.281,
218.385


 95, 12.281,
218.385


 100, 12.281,
218.385


 85, 12.281,
218.385

 75, 12.281,
218.385

 65, 12.281,
218.385

 55, 12.281,
218.385

 45, 12.281,
218.385

 35, 12.281,
218.385

 25, 12.281,

218.385

■ 15, 12.281,
218.385

■ 5, 12.281, 218.385

■ 95, 12.281,
218.385

■ 95, 12.281,
218.385

■ 92, 18.927,
218.849

■ 98, 5.140, 218.128

■ 90, 24.959,
219.551

100, 0.062,
108.930

■ 87, 30.260,
220.531

■ 85, 34.720,
221.857

■ 83, 38.261,
223.605

■ 81, 40.855,
225.857

■ 79, 42.550,
228.692

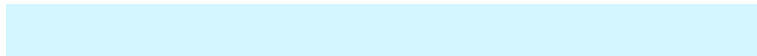
■ 78, 43.496,
232.148

■ 77, 43.725,
233.304

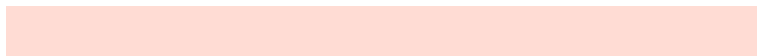
Harmonies

Complementary

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



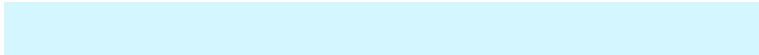
95, 12.281, 218.385



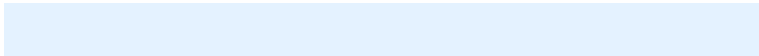
90, 13.735, 37.672

Rectangle

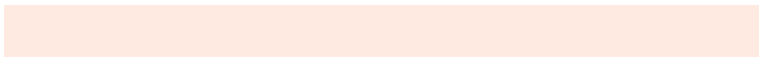
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 12.281, 218.385



95, 12.281, 268.385



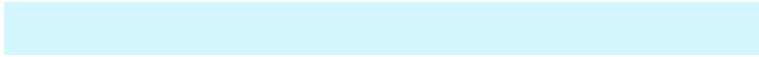
95, 12.281, 38.385



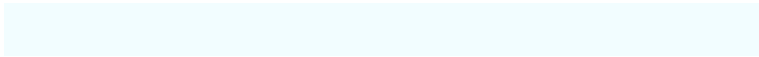
95, 12.281, 88.385

Sweetspot

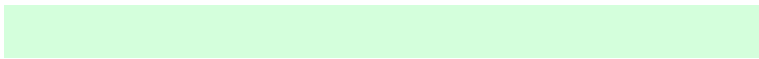
The Sweet Spot groups the original color and five complimentary colors.



95, 12.281, 218.376



98, 3.760, 218.131



96, 23.673, 148.806



52, 2.561, 218.126



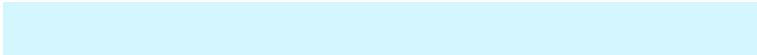
0, 0.000, 0.000



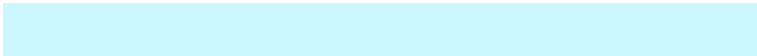
53, 0.007, 296.813

Same Dimension

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



95, 12.281, 218.376



94, 14.426, 218.501



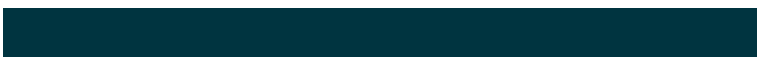
90, 15.834, 274.793



52, 4.227, 218.164



59, 35.195, 232.596



19, 16.133, 227.698

Inverse Universe

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



89, 23.708, 331.087



88, 28.146, 331.293



96, 15.835, 90.294



50, 7.962, 330.605



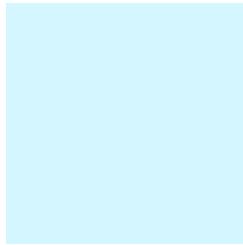
44, 80.521, 337.340



11, 37.678, 336.043

Previews

White Background



This preview shows how the CIE LCh color 95, 12.281, 218.385 looks on a white background.

Color Contrast Check

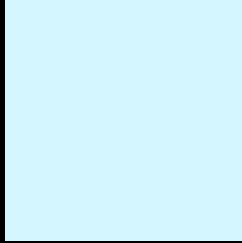
Large Text (above 18pt) WCAG AA × Fail

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, 12.281, 218.385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

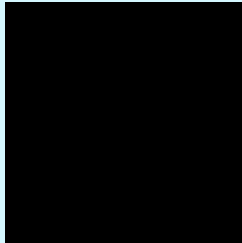
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 12.281, 218.385

Background



This preview shows how black text looks on a background with the CIELCh color 95, 12.281, 218.385.

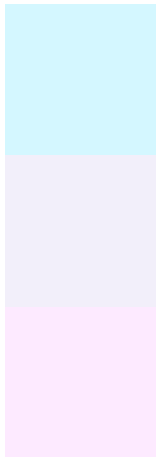


This preview shows how white text looks on a background with the CIELCh color 95, 12.281, 218.385.

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, 12.281, 218.385

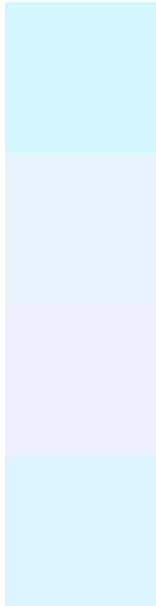
Protanopia
95, 5.771, 301.032

Deuteranopia
95, 12.731, 322.231



Tritanopia
95, 8.571, 245.311

Trichromacy



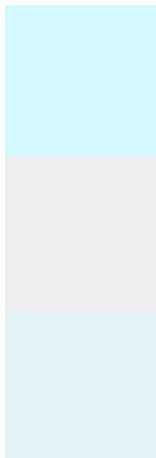
Original Color
95, 12.281, 218.385

Protanomaly
95, 6.313, 253.927

Deuteranomaly
95, 8.233, 288.435

Tritanomaly
95, 9.750, 234.579

Monochromacy



Original Color
95, 12.281, 218.385

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 4.610, 212.167

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 12.281, 218.385 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, 247, 255)` looks like.

```
.text, #text, p{  
    color:rgb(212, 247, 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(212, 247, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 247, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 12.281, 218.385 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, 247, 255) }
```

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

```
.border{ border-color:rgb(212, 247, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 247, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 247, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 247, 255);  
box-shadow:4px 4px 4px 4px rgb(212, 247,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 12.281, 218.385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 247, 255) }
```

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

```
.background{ background-color: rgb(212,  
247, 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](#).

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