

Converting Colors

CIELCh(95, 12.458, 217.526)

Have a look what the booklet for
CIELCh(95, 12.458, 217.526)
contains.

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Color

CIELCh(95, 12.581, 217.882)

Conversions

Conversions Part 1

Format	Color
Hex	D3F7FF
RGB	211, 247, 255
RGB Percent	83%, 97%, 100%
CMY	0.1724, 0.0312, 0.0000
CMYK	0.17, 0.03, 0.00, 0.00
HSL	191°, 100%, 91%
HSV	191°, 17%, 100%
XYZ	78.2003, 87.6183, 107.4270
YIQ	237.1480, -24.0240, -5.1440

Conversions

Conversions Part 2

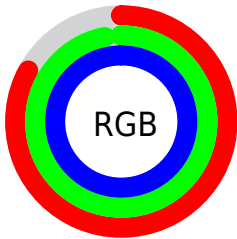
Format	Color
R_{YB}	211, 231, 255
Decimal	13891583
CIE Lab	95.00, -9.93, -7.73
CIE LCh	95, 12.581, 217.882
Yxy	87.6183, 0.2862, 0.3207
Android (android.graphics.Color)	4292081663 (0xFFD3F7FF)
YUV	237.1480, 8.8010, -22.9318
Hunter-Lab	93.6047, -14.6836, -2.5219

Details

The CIELCh color **95, 12.581, 217.882** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **90, 14.107, 37.159**, 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, 12.563, 216.156** is the 20% darker color. If you saturate the color by 10%, you get **92, 19.219, 218.243**, and if you desaturate by 10%, it is **98, 5.430, 217.559**.

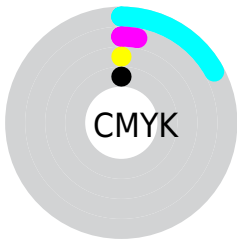
Distribution



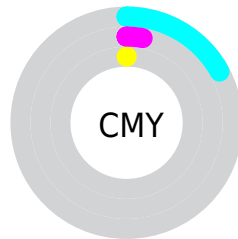
- Red (83%)
- Green (97%)
- Blue (100%)



- 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, 12.581, 217.882 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, 12.581, 217.882 by changing the saturation by 10% instead.


 95, 12.581,
217.882


 95, 12.581,
217.882


 100, 12.581,
217.882


 85, 12.581,
217.882

 75, 12.581,
217.882

 65, 12.581,
217.882

 55, 12.581,
217.882

 45, 12.581,
217.882

 35, 12.581,
217.882

 25, 12.581,

217.882

■ 15, 12.581,
217.882

■ 5, 12.581, 217.882

■ 95, 12.581,
217.882

■ 95, 12.581,
217.882

■ 92, 19.219,
218.243

■ 98, 5.430, 217.559

■ 90, 25.239,
218.919

100, 0.012,
296.813

■ 87, 30.517,
219.870

■ 85, 34.944,
221.161

■ 83, 38.439,
222.866

■ 81, 40.978,
225.068

■ 80, 42.609,
227.842

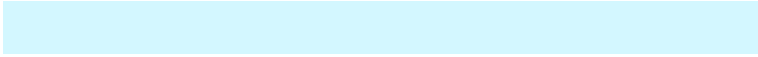
■ 78, 43.487,
231.223

■ 78, 43.674,
232.215

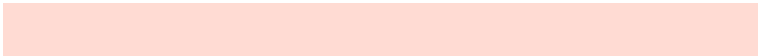
Harmonies

Complementary

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



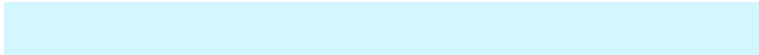
95, 12.581, 217.882



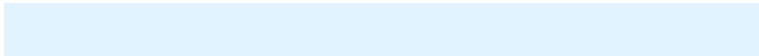
90, 14.107, 37.159

Rectangle

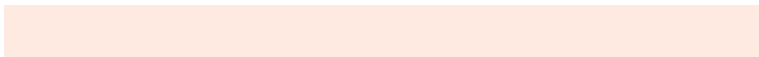
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



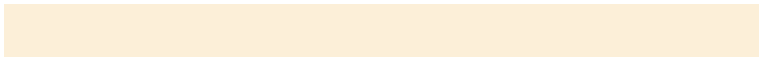
95, 12.581, 217.882



95, 12.581, 267.882



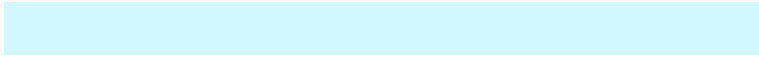
95, 12.581, 37.882



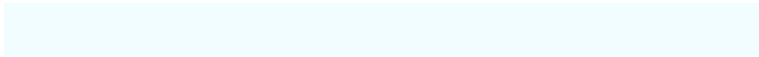
95, 12.581, 87.882

Sweetspot

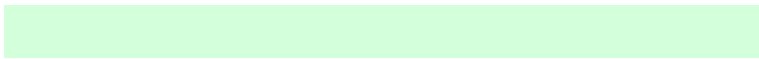
The Sweet Spot groups the original color and five complimentary colors.



95, 12.577, 217.791



99, 3.770, 217.564



96, 24.500, 148.227



52, 2.568, 217.557



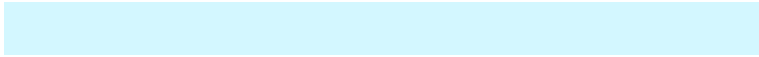
0, 0.000, 0.000



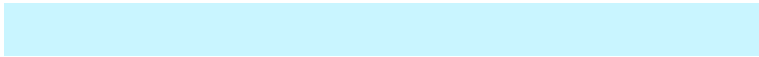
53, 0.007, 296.813

Same Dimension

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



95, 12.577, 217.791



94, 15.139, 217.937



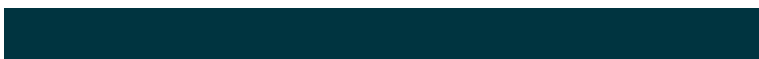
90, 15.887, 273.565



52, 4.239, 217.586



60, 35.147, 231.525



19, 16.134, 226.761

Inverse Universe

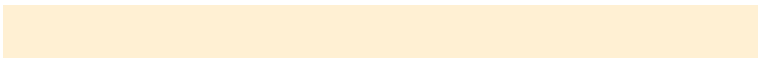
The Inverse Universe completely reimagines the original color for something new.



89, 24.325, 330.940



87, 29.660, 331.186



95, 15.943, 88.917



50, 7.989, 330.436



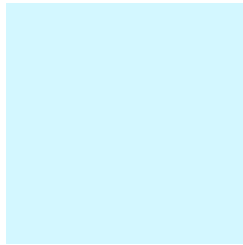
44, 80.818, 337.052



11, 37.802, 335.801

Previews

White Background



This preview shows how the CIE LCh color 95, 12.581, 217.882 looks on a white background.

Color Contrast Check

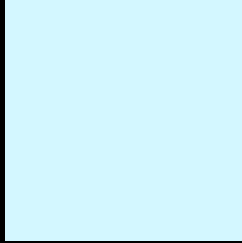
Large Text (above 18pt) WCAG AA × Fail

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, 12.581, 217.882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

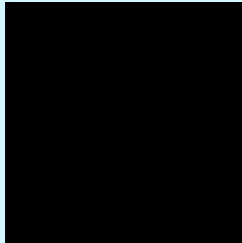
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

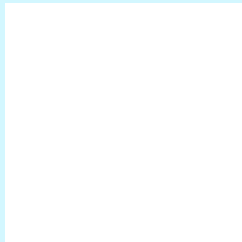
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 12.581, 217.882

Background



This preview shows how black text looks on a background with the CIELCh color 95, 12.581, 217.882.

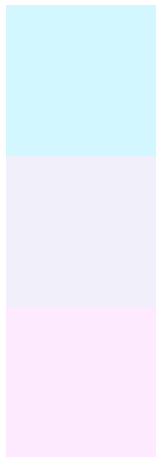


This preview shows how white text looks on a background with the CIELCh color 95, 12.581, 217.882.

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, 12.581, 217.882

Protanopia
95, 5.714, 297.606

Deuteranopia
95, 12.731, 322.231



Tritanopia
95, 8.571, 245.311

Trichromacy



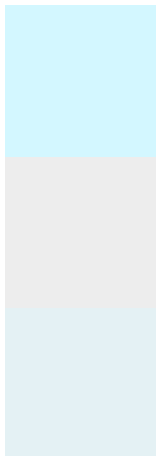
Original Color
95, 12.581, 217.882

Protanomaly
95, 6.515, 251.496

Deuteranomaly
95, 8.233, 288.435

Tritanomaly
95, 9.750, 234.579

Monochromacy



Original Color
95, 12.581, 217.882

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 4.735, 218.307

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 12.581, 217.882 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(211, 247, 255)` looks like.

```
.text, #text, p{  
    color:rgb(211, 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(211, 247, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 247, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 12.581, 217.882 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(211, 247, 255) }
```

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

```
.border{ border-color:rgb(211, 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(211, 247, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 247, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 247, 255);  
box-shadow:4px 4px 4px 4px rgb(211, 247,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 12.581, 217.882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 247, 255) }
```

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

```
.background{ background-color: rgb(211,  
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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