

Converting Colors

CIELCh(95, 13.216, 216.029)

Have a look what the booklet for
CIELCh(95, 13.216, 216.029)
contains.

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Color

CIELCh(95, 13.182, 216.944)

Conversions

Conversions Part 1

Format	Color
Hex	D1F7FF
RGB	209, 247, 255
RGB Percent	82%, 97%, 100%
CMY	0.1789, 0.0298, 0.0000
CMYK	0.18, 0.03, 0.00, 0.00
HSL	190°, 100%, 91%
HSV	190°, 18%, 100%
XYZ	77.8975, 87.6183, 107.7472
YIQ	236.5500, -25.2160, -5.5680

Conversions

Conversions Part 2

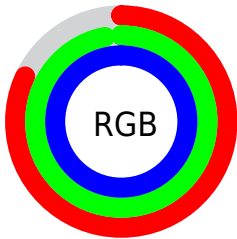
Format	Color
R_{YB}	209, 230, 255
Decimal	13760511
CIE _{Lab}	95.00, -10.54, -7.92
CIE _{LCh}	95, 13.182, 216.944
Y _{xy}	87.6183, 0.2851, 0.3206
Android (android.graphics.Color)	4291950591 (0xFFD1F7FF)
Y _{UV}	236.5500, 9.0958, -24.1614
Hunter-Lab	93.6047, -15.2610, -2.7247

Details

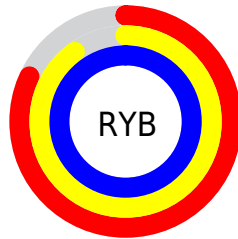
The CIELCh color **95, 13.182, 216.944** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **90, 14.817, 35.670**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 13.181, 215.265** is the 20% darker color. If you saturate the color by 10%, you get **92, 19.790, 216.441**, and if you desaturate by 10%, it is **98, 5.958, 215.890**.

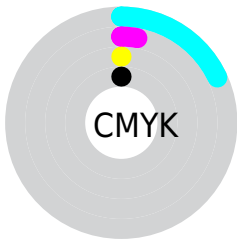
Distribution



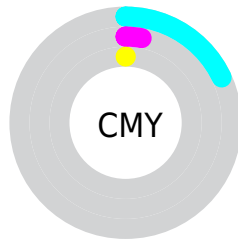
- Red (82%)
- Green (97%)
- Blue (100%)



- Red (82%)
- Yellow (90%)
- Blue (100%)



- Cyan (18%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)





- Cyan (18%)
- Magenta (3%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 13.182, 216.944 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, 13.182, 216.944 by changing the saturation by 10% instead.


 95, 13.182,
216.944


 95, 13.182,
216.944


 100, 13.182,
216.944


 85, 13.182,
216.944

 75, 13.182,
216.944

 65, 13.182,
216.944

 55, 13.182,
216.944

 45, 13.182,
216.944

 35, 13.182,
216.944

 25, 13.182,

216.944

■ 15, 13.182,
216.944

■ 5, 13.182, 216.944

■ 95, 13.182,
216.944

■ 95, 13.182,
216.944

■ 92, 19.790,
216.441

■ 98, 5.958, 215.890

■ 90, 25.799,
217.031

100, 0.012,
296.813

■ 88, 31.042,
217.879

■ 86, 35.406,
219.047

■ 84, 38.813,
220.605

■ 82, 41.235,
222.627

■ 80, 42.723,
225.185

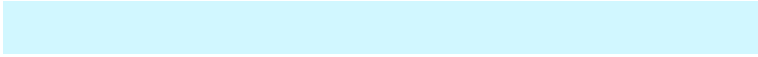
■ 79, 43.439,
228.306

■ 79, 43.552,
229.003

Harmonies

Complementary

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



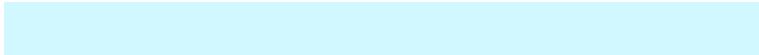
95, 13.182, 216.944



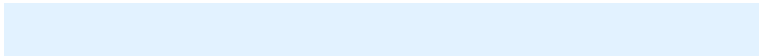
90, 14.817, 35.670

Rectangle

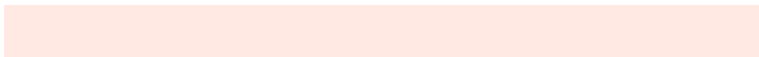
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



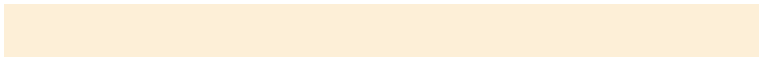
95, 13.182, 216.944



95, 13.182, 266.944



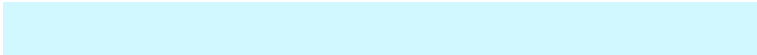
95, 13.182, 36.944



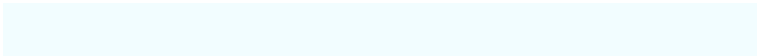
95, 13.182, 86.944

Sweetspot

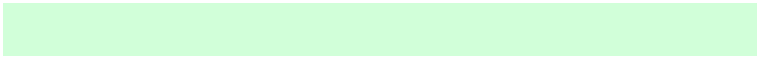
The Sweet Spot groups the original color and five complimentary colors.



95, 13.135, 216.064



99, 3.804, 215.910



96, 25.425, 148.175



52, 2.591, 215.898



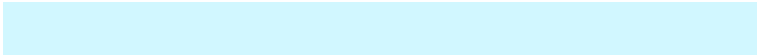
0, 0.000, 0.000



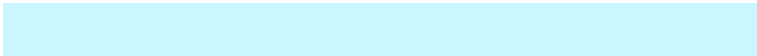
53, 0.007, 296.813

Same Dimension

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



95, 13.135, 216.064



94, 15.268, 216.160



89, 16.492, 273.669



52, 4.276, 215.900



61, 35.071, 228.369



20, 16.160, 224.012

Inverse Universe

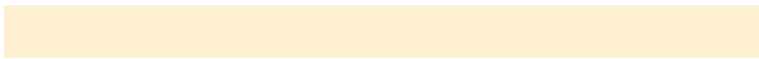
The Inverse Universe completely reimagines the original color for something new.



89, 25.500, 330.484



87, 29.960, 330.684



95, 16.553, 88.833



50, 8.071, 329.945



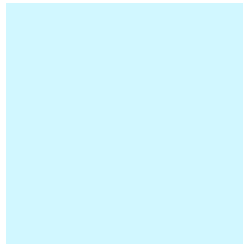
44, 81.707, 336.218



12, 38.172, 335.099

Previews

White Background



This preview shows how the CIE LCh color 95, 13.182, 216.944 looks on a white background.

Color Contrast Check

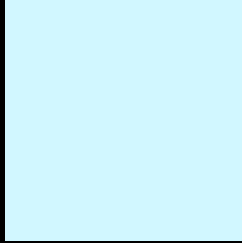
Large Text (above 18pt) WCAG AA × Fail

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, 13.182, 216.944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

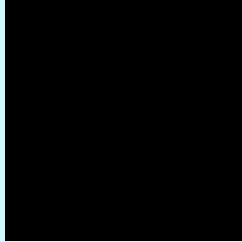
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 13.182, 216.944

Background



This preview shows how black text looks on a background with the CIELCh color 95, 13.182, 216.944.

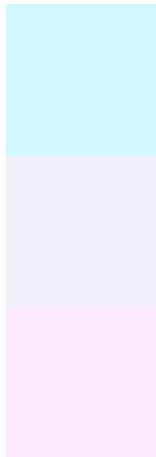


This preview shows how white text looks on a background with the CIELCh color 95, 13.182, 216.944.

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, 13.182, 216.944

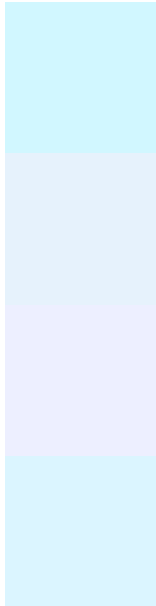
Protanopia
95, 5.714, 297.606

Deuteranopia
95, 12.731, 322.231



Tritanopia
95, 8.804, 243.748

Trichromacy



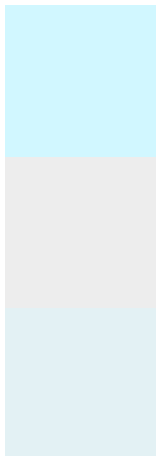
Original Color
95, 13.182, 216.944

Protanomaly
95, 6.515, 251.496

Deuteranomaly
95, 8.249, 286.057

Tritanomaly
95, 10.034, 229.868

Monochromacy



Original Color
95, 13.182, 216.944

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 5.059, 217.020

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 13.182, 216.944 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(209, 247, 255)` looks like.

```
.text, #text, p{  
    color:rgb(209, 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(209, 247, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 247, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 13.182, 216.944 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(209, 247, 255) }
```

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

```
.border{ border-color:rgb(209, 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(209, 247, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 247, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 247, 255);  
box-shadow:4px 4px 4px 4px rgb(209, 247,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 13.182, 216.944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 247, 255) }
```

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

```
.background{ background-color: rgb(209,  
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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