

Converting Colors

CIELCh(95, 11.290, 226.405)

Have a look what the booklet for
CIELCh(95, 11.290, 226.405)
contains.

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Color

CIELCh(95, 11.256, 223.194)

Conversions

Conversions Part 1

Format	Color
Hex	D7F6FF
RGB	215, 246, 255
RGB Percent	84%, 96%, 100%
CMY	0.1567, 0.0351, 0.0000
CMYK	0.16, 0.04, 0.00, 0.00
HSL	193°, 100%, 92%
HSV	193°, 16%, 100%
XYZ	79.0666, 87.6183, 107.3933
YIQ	237.7570, -21.3650, -3.7730

Conversions

Conversions Part 2

Format	Color
R_{YB}	215, 232, 255
Decimal	14153471
CIE _{Lab}	95.00, -8.21, -7.70
CIE _{LCh}	95, 11.256, 223.194
Yxy	87.6183, 0.2885, 0.3197
Android (android.graphics.Color)	4292343551 (0xFFD7F6FF)
YUV	237.7570, 8.5008, -19.9579
Hunter-Lab	93.6047, -13.0316, -2.5006

Details

The CIELCh color **95, 11.256, 223.194** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **91, 12.430, 41.803**, 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, 11.176, 221.537** is the 20% darker color. If you saturate the color by 10%, you get **92, 17.870, 223.734**, and if you desaturate by 10%, it is **98, 4.174, 222.655**.

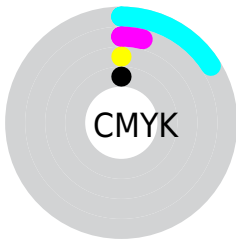
Distribution



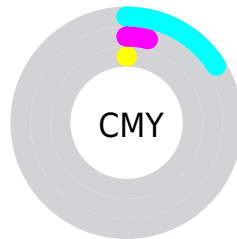
- Red (84%)
- Green (96%)
- Blue (100%)



- Red (84%)
- Yellow (91%)
- Blue (100%)



- Cyan (16%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)





- Cyan (16%)
- Magenta (4%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 11.256, 223.194 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, 11.256, 223.194 by changing the saturation by 10% instead.


 95, 11.256,
223.194


 95, 11.256,
223.194


 100, 11.256,
223.194


 85, 11.256,
223.194

 75, 11.256,
223.194

 65, 11.256,
223.194

 55, 11.256,
223.194

 45, 11.256,
223.194

 35, 11.256,
223.194

 25, 11.256,

223.194

■ 15, 11.256,
223.194

■ 5, 11.256, 223.194

■ 95, 11.256,
223.194

■ 95, 11.256,
223.194

■ 92, 17.870,
223.734

■ 98, 4.174, 222.655

■ 89, 23.935,
224.669

100, 0.012,
296.813

■ 86, 29.332,
225.921

■ 84, 33.960,
227.568

■ 81, 37.748,
229.696

■ 79, 40.672,
232.401

■ 77, 42.788,
235.760

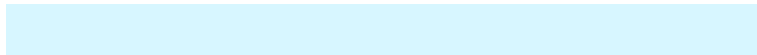
■ 75, 44.249,
239.807

■ 75, 44.788,
241.698

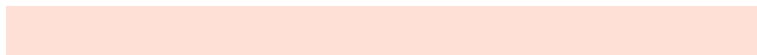
Harmonies

Complementary

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



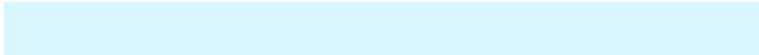
95, 11.256, 223.194



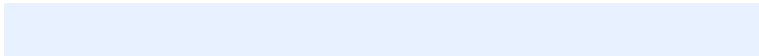
91, 12.430, 41.803

Rectangle

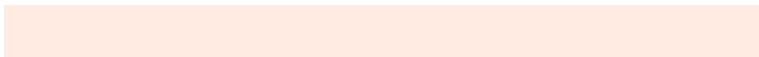
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 11.256, 223.194



95, 11.256, 273.194



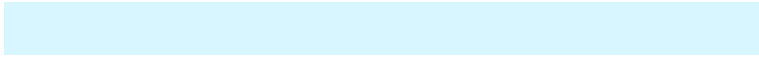
95, 11.256, 43.194



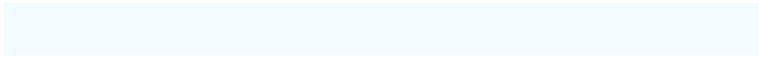
95, 11.256, 93.194

Sweetspot

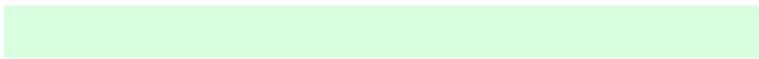
The Sweet Spot groups the original color and five complimentary colors.



95, 11.247, 223.060



98, 3.689, 222.648



97, 21.457, 150.042



52, 2.512, 222.656



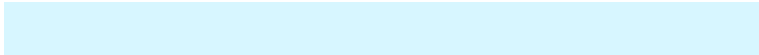
0, 0.000, 0.000



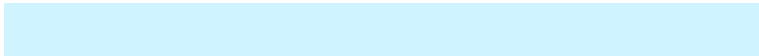
53, 0.007, 296.813

Same Dimension

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



95, 11.247, 223.060



94, 13.510, 223.258



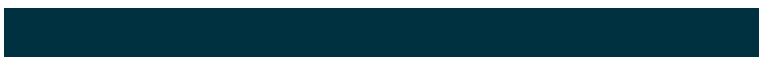
90, 15.267, 277.045



52, 4.149, 222.766



57, 35.957, 240.865



18, 16.261, 235.020

Inverse Universe

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



90, 21.433, 332.379



88, 26.029, 332.608



96, 15.180, 92.974



50, 7.750, 331.959



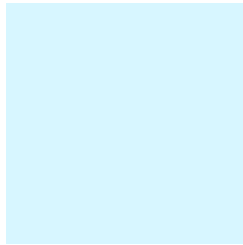
43, 78.290, 339.685



11, 36.738, 338.004

Previews

White Background



This preview shows how the CIE LCh color 95, 11.256, 223.194 looks on a white background.

Color Contrast Check

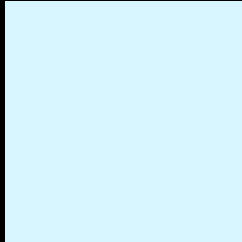
Large Text (above 18pt) WCAG AA × Fail

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, 11.256, 223.194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

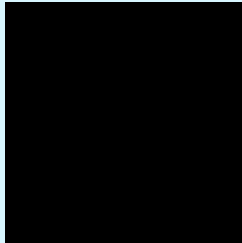
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

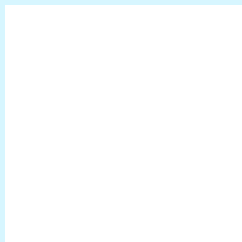
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 11.256, 223.194

Background



This preview shows how black text looks on a background with the CIELCh color 95, 11.256, 223.194.

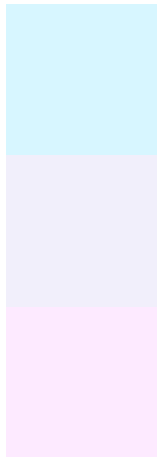


This preview shows how white text looks on a background with the CIELCh color 95, 11.256, 223.194.

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

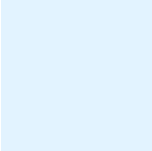
95, 11.256, 223.194

Protanopia

95, 6.224, 297.059

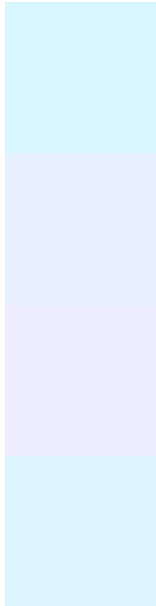
Deuteranopia

95, 12.731, 322.231



Tritanopia
95, 8.345, 246.963

Trichromacy



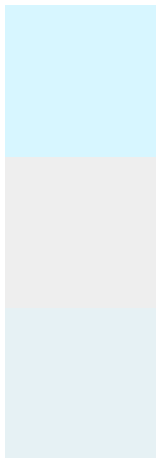
Original Color
95, 11.256, 223.194

Protanomaly
95, 6.123, 256.518

Deuteranomaly
95, 8.763, 293.109

Tritanomaly
95, 9.224, 236.971

Monochromacy



Original Color
95, 11.256, 223.194

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 4.095, 221.488

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 11.256, 223.194 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(215, 246, 255)` looks like.

```
.text, #text, p{  
    color:rgb(215, 246, 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(215, 246, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 246, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 11.256, 223.194 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(215, 246, 255) }
```

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

```
.border{ border-color:rgb(215, 246, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 246, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 246, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 246, 255);  
box-shadow:4px 4px 4px 4px rgb(215, 246,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 11.256, 223.194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 246, 255) }
```

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

```
.background{ background-color: rgb(215,  
246, 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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