

Converting Colors

CIELCh(100, 80.952, 291.625)

Have a look what the booklet for
CIELCh(100, 80.952, 291.625)
contains.

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Color

CIELCh(95, 9.784, 238.286)

Conversions

Conversions Part 1

Format	Color
Hex	DDF4FF
RGB	221, 244, 255
RGB Percent	87%, 96%, 100%
CMY	0.1321, 0.0419, 0.0000
CMYK	0.13, 0.04, 0.00, 0.00
HSL	199°, 100%, 93%
HSV	199°, 13%, 100%
XYZ	80.6217, 87.6183, 108.3977
YIQ	238.3770, -17.2390, -1.4550

Conversions

Conversions Part 2

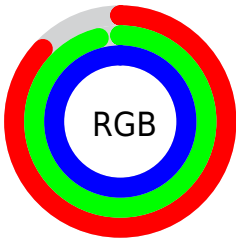
Format	Color
R _Y B	221, 235, 255
Decimal	14546175
CIE Lab	95.00, -5.14, -8.32
CIE LCh	95, 9.784, 238.286
Yxy	87.6183, 0.2914, 0.3167
Android (android.graphics.Color)	4292736255 (0xFFDDDF4FF)
YUV	238.3770, 8.1951, -15.2396
Hunter-Lab	93.6047, -10.0662, -3.1367

Details

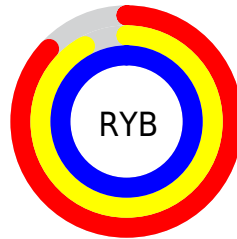
The CIELCh color **95, 9.784, 238.286** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 10.091, 52.637**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 9.302, 234.565** is the 20% darker color. If you saturate the color by 10%, you get **91, 16.131, 235.974**, and if you desaturate by 10%, it is **99, 2.335, 234.147**.

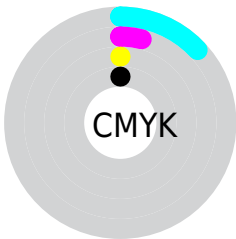
Distribution



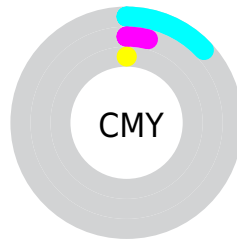
- Red (87%)
- Green (96%)
- Blue (100%)



- Red (87%)
- Yellow (92%)
- Blue (100%)



- Cyan (13%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (13%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 9.784, 238.286 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, 9.784, 238.286 by changing the saturation by 10% instead.

95, 9.784, 238.286

95, 9.784, 238.286

100, 9.784,
238.286

85, 9.784, 238.286

75, 9.784, 238.286

65, 9.784, 238.286

55, 9.784, 238.286

45, 9.784, 238.286

35, 9.784, 238.286

25, 9.784, 238.286

15, 9.784, 238.286

5, 9.784, 238.286

95, 9.784, 238.286

95, 9.784, 238.286

91, 16.131,
235.974

99, 2.335, 234.147

88, 22.449,
237.405

100, 0.012,
296.813

84, 28.271,
239.215

81, 33.525,
241.491

78, 38.164,
244.325

75, 42.194,
247.802

72, 45.690,
251.970

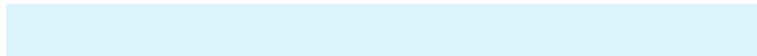
69, 48.818,
256.799

■ 68, 50.885,
260.301

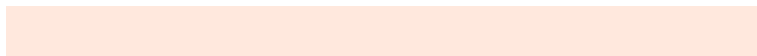
Harmonies

Complementary

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



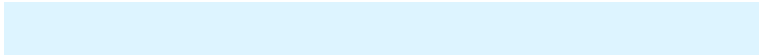
95, 9.784, 238.286



94, 10.091, 52.637

Rectangle

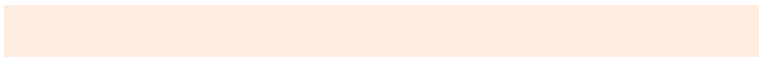
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 9.784, 238.286



95, 9.784, 288.286



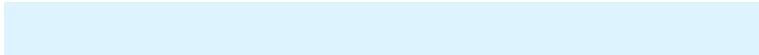
95, 9.784, 58.286



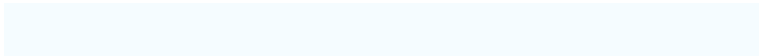
95, 9.784, 108.286

Sweetspot

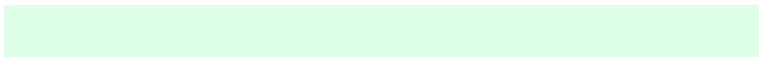
The Sweet Spot groups the original color and five complimentary colors.



95, 9.399, 234.859



98, 2.899, 234.161



97, 16.793, 154.015



52, 2.057, 234.191



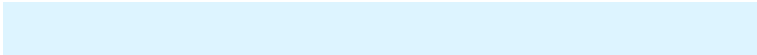
0, 0.000, 0.000



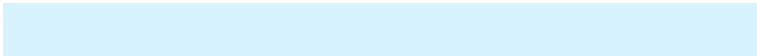
53, 0.007, 296.813

Same Dimension

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



95, 9.399, 234.859



94, 11.310, 235.140



91, 14.393, 283.023



51, 4.075, 234.523



52, 40.598, 259.325



16, 17.594, 252.176

Inverse Universe

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



92, 16.905, 335.887



90, 20.504, 336.099



98, 14.156, 99.875



50, 7.253, 335.607



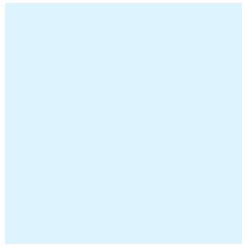
42, 73.540, 346.202



11, 34.666, 343.393

Previews

White Background



This preview shows how the CIELCh color 95, 9.784, 238.286 looks on a white background.

Color Contrast Check

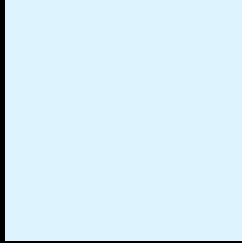
Large Text (above 18pt) WCAG AA × Fail

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, 9.784, 238.286 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

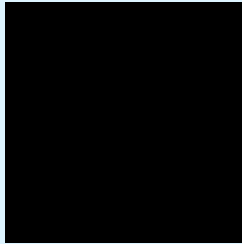
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

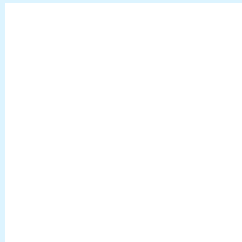
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 9.784, 238.286

Background



This preview shows how black text looks on a background with the CIELCh color 95, 9.784, 238.286.

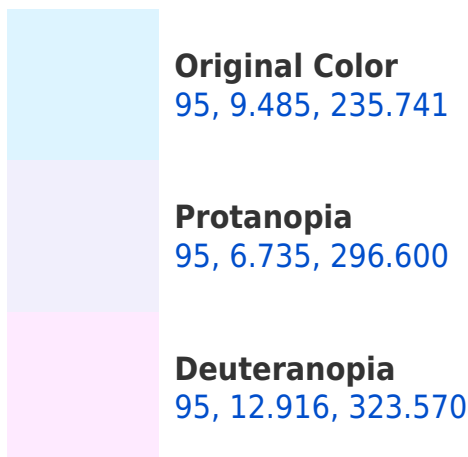


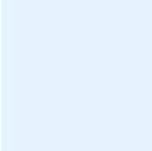
This preview shows how white text looks on a background with the CIELCh color 95, 9.784, 238.286.

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





Tritanopia
95, 7.933, 256.823

Trichromacy



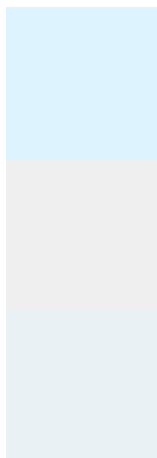
Original Color
95, 9.485, 235.741

Protanomaly
95, 6.578, 269.254

Deuteranomaly
95, 8.877, 299.786

Tritanomaly
95, 8.345, 246.963

Monochromacy



Original Color
95, 9.485, 235.741

Achromatopsia
94, 0.011, 296.813

Achromatomaly
95, 3.433, 236.277

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 9.784, 238.286 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(221, 244, 255)` looks like.

```
.text, #text, p{  
    color:rgb(221, 244, 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(221, 244, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 244, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 9.784, 238.286 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(221, 244, 255) }
```

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

```
.border{ border-color:rgb(221, 244, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 244, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 244, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 244, 255);  
box-shadow:4px 4px 4px 4px rgb(221, 244,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 9.784, 238.286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 244, 255) }
```

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

```
.background{ background-color: rgb(221,  
244, 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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