

Converting Colors

CIE LCh(99, 6.099, 170.556)

Have a look what the booklet for
CIELCh(99, 6.099, 170.556) contains.

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Color

CIELCh(99, 5.827, 173.249)

Conversions

Conversions Part 1

Format	Color
Hex	F1FFFB
RGB	241, 255, 251
RGB Percent	95%, 100%, 98%
CMY	0.0566, 0.0000, 0.0174
CMYK	0.06, 0.00, 0.02, 0.00
HSL	162°, 100%, 97%
HSV	162°, 6%, 100%
XYZ	89.4044, 97.4360, 104.9955
YIQ	250.3580, -7.0600, -4.2120

Conversions

Conversions Part 2

Format	Color
R _Y B	241, 249, 255
Decimal	15859707
CIE Lab	99.00, -5.79, 0.68
CIE LCh	99, 5.827, 173.249
Yxy	97.4360, 0.3064, 0.3339
Android (android.graphics.Color)	4294049787 (0xFFFF1FFFB)
YUV	250.3580, 0.3165, -8.2070
Hunter-Lab	98.7097, -11.0690, 6.0312

Details

The CIELCh color **99, 5.827, 173.249** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **96, 5.623, 355.872**, and the grayscale version is **98, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **79, 5.004, 180.444** is the 20% darker color. If you saturate the color by 10%, you get **97, 15.175, 173.990**, and if you desaturate by 10%, it is **100, 0.012, 296.813**.

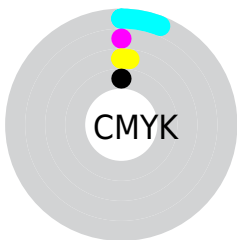
Distribution



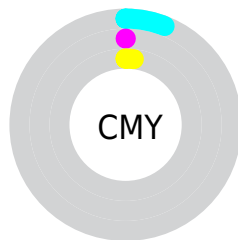
- Red (95%)
- Green (100%)
- Blue (98%)



- Red (95%)
- Yellow (98%)
- Blue (100%)



- Cyan (6%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)



- Cyan (6%)
- Magenta (0%)
- Yellow (2%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 5.827, 173.249 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 99, 5.827, 173.249 by changing the saturation by 10% instead.

 99, 5.827, 173.249

 99, 5.827, 173.249

 100, 5.827,
173.249

 89, 5.827, 173.249

 79, 5.827, 173.249

 69, 5.827, 173.249

 59, 5.827, 173.249

 49, 5.827, 173.249

 39, 5.827, 173.249

 29, 5.827, 173.249

 19, 5.827, 173.249

 9, 5.827, 173.249

99, 5.827, 173.249

99, 5.827, 173.249

97, 15.175,
173.990

100, 0.012,
296.813

95, 24.554,
172.931

94, 33.510,
171.786


93, 41.876,
170.530

92, 49.489,
169.138

91, 56.204,
167.583

90, 61.927,
165.842

90, 66.635,
163.897

 89, 70.405,
161.750

Harmonies

Complementary

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



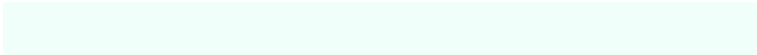
99, 5.827, 173.249



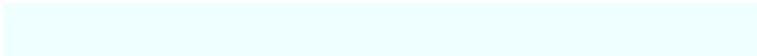
96, 5.623, 355.872

Rectangle

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



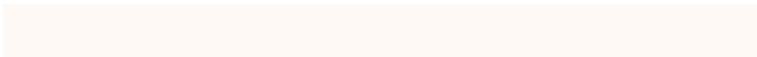
99, 5.827, 173.249



99, 5.827, 223.249



99, 5.827, 353.249



99, 5.827, 43.249

Sweetspot

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



99, 5.527, 175.024



100, 1.951, 175.551



99, 8.152, 134.991



53, 1.109, 175.576



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

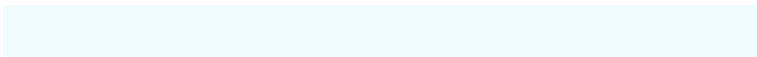
The Same Dimension uses a secret algorithm to generate beautiful new colors.



99, 5.527, 175.024



99, 6.826, 174.879



98, 4.259, 217.819



52, 4.434, 174.815



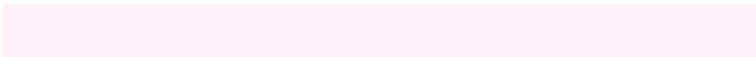
69, 57.487, 161.208



23, 25.235, 164.227

Inverse Universe

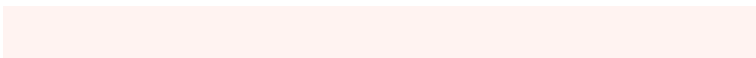
The Inverse Universe completely reimagines the original color for something new.



96, 5.623, 355.872



95, 6.967, 356.022



97, 4.410, 37.343



50, 4.532, 356.089



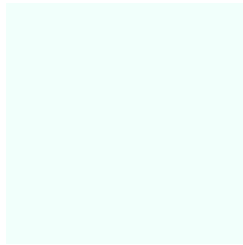
40, 70.433, 20.582



10, 31.431, 12.220

Previews

White Background



This preview shows how the CIELCh color 99, 5.827, 173.249 looks on a white background.

Color Contrast Check

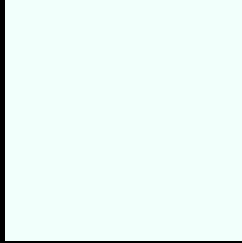
Large Text (above 18pt) WCAG AA × Fail

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 99, 5.827, 173.249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

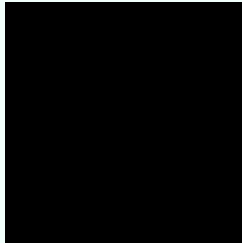
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 5.827, 173.249

Background



This preview shows how black text looks on a background with the CIELCh color 99, 5.827, 173.249.

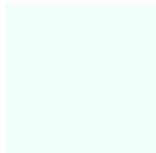


This preview shows how white text looks on a background with the CIELCh color 99, 5.827, 173.249.

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
99, 5.291, 176.562



Protanopia
99, 1.723, 55.170

Deuteranopia
99, 2.044, 349.329

Tritanopia
99, 1.677, 265.874

Trichromacy



Original Color

99, 5.291, 176.562

Protanomaly

99, 1.233, 144.647

Deuteranomaly

99, 0.862, 164.145

Tritanomaly

99, 2.084, 199.588

Monochromacy



Original Color

99, 5.291, 176.562

Achromatopsia

98, 0.011, 296.813

Achromatomaly

99, 2.027, 169.499

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 5.827, 173.249 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(241, 255, 251)` looks like.

```
.text, #text, p{  
    color:rgb(241, 255, 251)  
}
```

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(241, 255, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 255, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 5.827, 173.249 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(241, 255, 251) }
```

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

```
.border{ border-color:rgb(241, 255, 251) }
```

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

Here you see how a box with a 4 pixel rgb(241, 255, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 255, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 255, 251);  
box-shadow:4px 4px 4px 4px rgb(241, 255,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 5.827, 173.249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 255, 251) }
```

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

```
.background{ background-color: rgb(241,  
255, 251) }
```

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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