

Converting Colors

CIELCh(99, 5.614, 157.595)

Have a look what the booklet for
CIELCh(99, 5.614, 157.595) contains.

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Color

CIELCh(99, 5.530, 159.140)

Conversions

Conversions Part 1

Format	Color
Hex	F3FFF8
RGB	243, 255, 248
RGB Percent	95%, 100%, 97%
CMY	0.0467, 0.0000, 0.0271
CMYK	0.05, 0.00, 0.03, 0.00
HSL	145°, 100%, 98%
HSV	145°, 5%, 100%
XYZ	89.7437, 97.4360, 102.9617
YIQ	250.6140, -4.9050, -4.7210

Conversions

Conversions Part 2

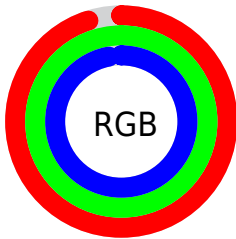
Format	Color
R_{YB}	243, 251, 255
Decimal	15990776
CIE Lab	99.00, -5.17, 1.97
CIE LCh	99, 5.530, 159.140
Yxy	97.4360, 0.3093, 0.3358
Android (android.graphics.Color)	4294180856 (0xFFFF3FFF8)
YUV	250.6140, -1.2887, -6.6775
Hunter-Lab	98.7097, -10.4554, 7.2528

Details

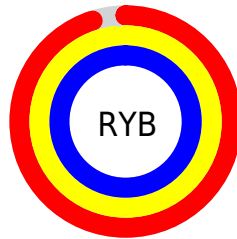
The CIELCh color 99, 5.530, 159.140 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97, 5.509, 339.859, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 5.175, 160.919 is the 20% darker color. If you saturate the color by 10%, you get 97, 17.255, 158.415, and if you desaturate by 10%, it is 100, 0.012, 296.813.

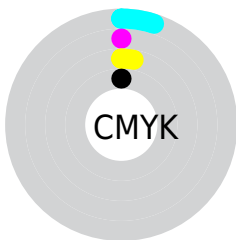
Distribution



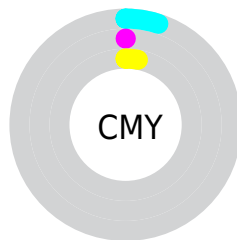
- Red (95%)
- Green (100%)
- Blue (97%)



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



- Cyan (5%)
- Magenta (0%)
- Yellow (3%)
- Black (0%)



- Cyan (5%)
- Magenta (0%)
- Yellow (3%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 5.530, 159.140 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, 5.530, 159.140 by changing the saturation by 10% instead.

 99, 5.530, 159.140

 99, 5.530, 159.140

 100, 5.530,
159.140

 89, 5.530, 159.140

 79, 5.530, 159.140

 69, 5.530, 159.140

 59, 5.530, 159.140

 49, 5.530, 159.140

 39, 5.530, 159.140

 29, 5.530, 159.140

 19, 5.530, 159.140

 9, 5.530, 159.140

99, 5.530, 159.140

99, 5.530, 159.140

97, 17.255,
158.415

100, 0.012,
296.813

95, 28.982,
157.463

93, 40.486,
156.390

92, 51.573,
155.167

91, 62.031,
153.770

90, 71.657,
152.176

89, 80.280,
150.371

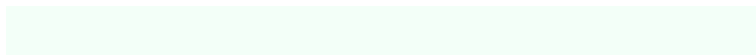
89, 87.796,
148.359

■ 88, 94.196,
146.176

Harmonies

Complementary

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



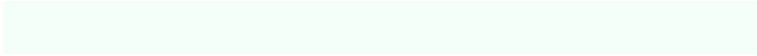
99, 5.530, 159.140



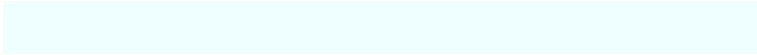
97, 5.509, 339.859

Rectangle

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



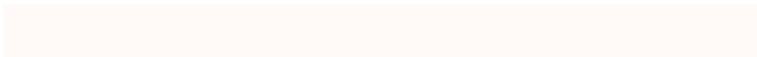
99, 5.530, 159.140



99, 5.530, 209.140



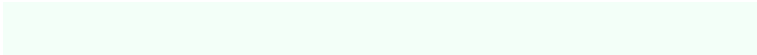
99, 5.530, 339.140



99, 5.530, 29.140

Sweetspot

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



99, 5.472, 159.307



100, 1.163, 159.897



99, 6.298, 125.899



53, 0.661, 159.921



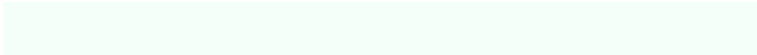
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

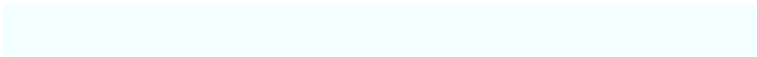
The Same Dimension uses a secret algorithm to generate beautiful new colors.



99, 5.472, 159.307



99, 7.039, 159.183



99, 4.153, 192.315



53, 4.671, 159.124



68, 77.612, 145.416



23, 33.384, 148.578

Inverse Universe

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



97, 5.509, 339.859



96, 7.090, 339.981



97, 4.261, 12.724



51, 4.706, 340.039



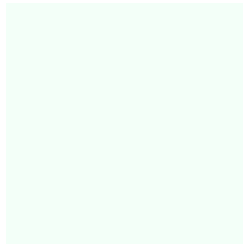
42, 69.774, 354.737



11, 32.842, 350.402

Previews

White Background



This preview shows how the CIE LCh color 99, 5.530, 159.140 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 CIE LCh color 99, 5.530, 159.140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

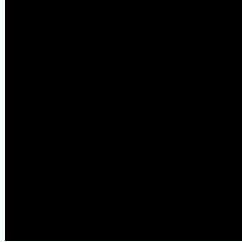
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 5.530, 159.140

Background



This preview shows how black text looks on a background with the CIELCh color 99, 5.530, 159.140.

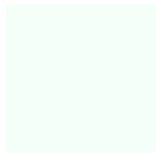


This preview shows how white text looks on a background with the CIELCh color 99, 5.530, 159.140.

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, 5.530, 159.140



Protanopia

99, 1.723, 55.170

Deuteranopia

99, 1.502, 359.268

Tritanopia
99, 1.571, 277.558

Trichromacy

A vertical color bar on the left side of the page, divided into four segments. The top segment is a light green color, the second is a light yellow, the third is a light blue, and the bottom is a light purple. The text to the right of the bar is aligned with these segments.

Original Color

99, 5.530, 159.140

Protanomaly

99, 1.558, 123.031

Deuteranomaly

99, 0.611, 144.922

Tritanomaly

99, 1.818, 183.409

Monochromacy

A vertical color bar on the left side of the page, divided into three segments. The top segment is a light green color, the middle is a light yellow, and the bottom is a light purple. The text to the right of the bar is aligned with these segments.

Original Color

99, 5.530, 159.140

Achromatopsia

99, 0.012, 296.813

Achromatomaly

99, 1.733, 163.799

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 5.530, 159.140 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(243, 255, 248)` looks like.

```
.text, #text, p{  
    color:rgb(243, 255, 248)  
}
```

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(243, 255, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 255, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 5.530, 159.140 is called "border". The border property can be set on classes, ids or directly on the HTML element.

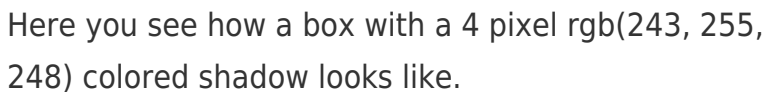
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(243, 255, 248) }
```

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

```
.border{ border-color:rgb(243, 255, 248) }
```

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



Here you see how a box with a 4 pixel `rgb(243, 255, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 255, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 255, 248); box-shadow:4px 4px 4px 4px rgb(243, 255, 248) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 5.530, 159.140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 255, 248) }
```

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

```
.background{ background-color: rgb(243,  
255, 248) }
```

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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