

Converting Colors

CIELCh(100, 7.186, 143.345)

Have a look what the booklet for
CIELCh(100, 7.186, 143.345)
contains.

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Color

CIELCh(99, 5.388, 141.278)

Conversions

Conversions Part 1

Format	Color
Hex	F6FEF5
RGB	246, 254, 245
RGB Percent	96%, 100%, 96%
CMY	0.0336, 0.0023, 0.0376
CMYK	0.03, 0.00, 0.04, 0.00
HSL	113°, 89%, 98%
HSV	113°, 4%, 100%
XYZ	90.2738, 97.4360, 100.7725
YIQ	250.5820, -1.8790, -4.4950

Conversions

Conversions Part 2

Format	Color
R _Y B	245, 254, 253
Decimal	16187125
CIE Lab	99.00, -4.20, 3.37
CIE LCh	99, 5.388, 141.278
Yxy	97.4360, 0.3129, 0.3378
Android (android.graphics.Color)	4294377205 (0xFF6FEF5)
YUV	250.5820, -2.7519, -4.0184
Hunter-Lab	98.7097, -9.4968, 8.5678

Details

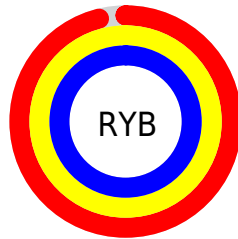
The CIELCh color 99, 5.388, 141.278 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 98, 5.416, 321.522, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 5.009, 140.856 is the 20% darker color. If you saturate the color by 10%, you get 97, 20.782, 140.696, and if you desaturate by 10%, it is 100, 0.368, 323.613.

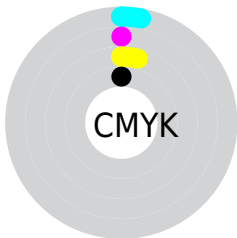
Distribution



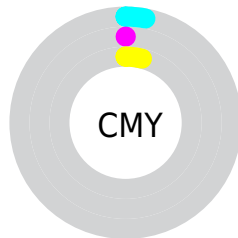
- Red (96%)
- Green (100%)
- Blue (96%)



- Red (96%)
- Yellow (100%)
- Blue (99%)



- Cyan (3%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)



- Cyan (3%)
- Magenta (0%)
- Yellow (4%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 5.388, 141.278 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, 5.388, 141.278 by changing the saturation by 10% instead.

 99, 5.388, 141.278

 99, 5.388, 141.278

 100, 5.388,
141.278

 89, 5.388, 141.278

 79, 5.388, 141.278

 69, 5.388, 141.278

 59, 5.388, 141.278

 49, 5.388, 141.278

 39, 5.388, 141.278

 29, 5.388, 141.278

 19, 5.388, 141.278

 9, 5.388, 141.278

99, 5.388, 141.278

99, 5.388, 141.278

97, 20.782,
140.696

100, 0.368,
323.613

95, 36.232,
140.058

93, 51.527,
139.334


92, 66.378,
138.532

91, 80.403,
137.680

90, 93.104,
136.840

89, 103.868,
136.114

88, 112.025,
135.638

 88, 117.083,
135.527

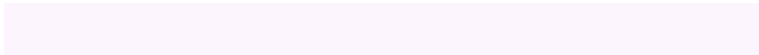
Harmonies

Complementary

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



99, 5.388, 141.278



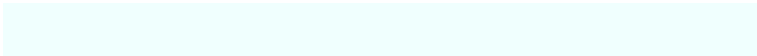
98, 5.416, 321.522

Rectangle

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



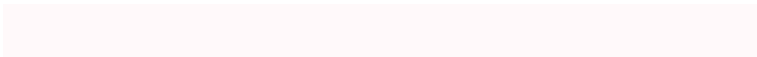
99, 5.388, 141.278



99, 5.388, 191.278



99, 5.388, 321.278



99, 5.388, 11.278

Sweetspot

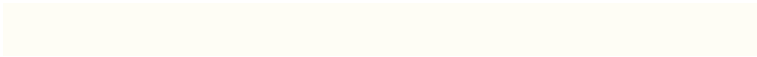
The Sweet Spot groups the original color and five complimentary colors.



99, 5.391, 141.280



100, 1.516, 141.538



99, 4.038, 104.576



53, 0.862, 141.550



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

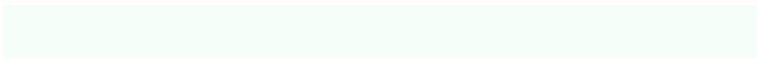
The Same Dimension uses a secret algorithm to generate beautiful new colors.



99, 5.391, 141.280



99, 6.110, 141.251



99, 4.247, 157.705



53, 4.346, 141.205



68, 95.789, 135.495



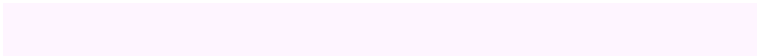
23, 42.935, 135.243

Inverse Universe

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



98, 5.416, 321.522



97, 6.136, 321.550



98, 4.274, 338.022



52, 4.363, 321.594



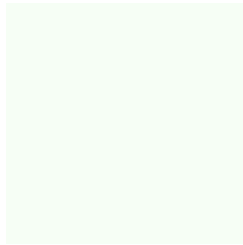
42, 93.814, 323.930



11, 43.102, 324.434

Previews

White Background



This preview shows how the CIE LCh color 99, 5.388, 141.278 looks on a white background.

Color Contrast Check

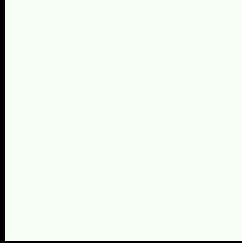
Large Text (above 18pt) WCAG AA × Fail

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, 5.388, 141.278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

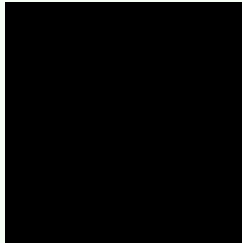
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 5.388, 141.278

Background



This preview shows how black text looks on a background with the CIELCh color 99, 5.388, 141.278.

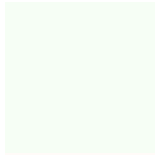


This preview shows how white text looks on a background with the CIELCh color 99, 5.388, 141.278.

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, 5.392, 141.277



Protanopia

99, 2.059, 66.765

Deuteranopia

99, 1.502, 359.268

Tritanopia
99, 1.537, 290.342

Trichromacy



Original Color

99, 5.392, 141.277

Protanomaly

99, 2.530, 109.957

Deuteranomaly

99, 1.005, 110.026

Tritanomaly

99, 1.164, 174.061

Monochromacy



Original Color

99, 5.392, 141.277

Achromatopsia

99, 0.012, 296.813

Achromatomaly

99, 1.855, 144.541

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 5.388, 141.278 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(246, 254, 245)` looks like.

```
.text, #text, p{  
    color:rgb(246, 254, 245)  
}
```

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(246, 254, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 254, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 5.388, 141.278 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(246, 254, 245) }
```

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

```
.border{ border-color:rgb(246, 254, 245) }
```

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

Here you see how a box with a 4 pixel rgb(246, 254, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 254, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 254, 245);  
box-shadow:4px 4px 4px 4px rgb(246, 254,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 5.388, 141.278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 254, 245) }
```

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

```
.background{ background-color: rgb(246,  
254, 245) }
```

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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