

Converting Colors

CIELCh(100, 7.587, 140.494)

Have a look what the booklet for
CIELCh(100, 7.587, 140.494)
contains.

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Color

CIELCh(99, 5.828, 138.679)

Conversions

Conversions Part 1

Format	Color
Hex	F6FEF4
RGB	246, 254, 244
RGB Percent	96%, 100%, 96%
CMY	0.0334, 0.0020, 0.0412
CMYK	0.03, 0.00, 0.04, 0.00
HSL	108°, 91%, 98%
HSV	108°, 4%, 100%
XYZ	90.1784, 97.4360, 100.0334
YIQ	250.4680, -1.5580, -4.8060

Conversions

Conversions Part 2

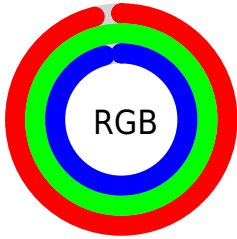
Format	Color
R _Y B	244, 254, 252
Decimal	16187124
CIE Lab	99.00, -4.38, 3.85
CIE LCh	99, 5.828, 138.679
Yxy	97.4360, 0.3135, 0.3387
Android (android.graphics.Color)	4294377204 (0xFFFF6FEF4)
YUV	250.4680, -3.1887, -3.9184
Hunter-Lab	98.7097, -9.6694, 9.0117

Details

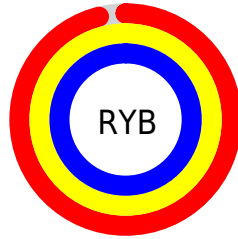
The CIELCh color 99, 5.828, 138.679 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97, 5.862, 318.947, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 5.473, 137.980 is the 20% darker color. If you saturate the color by 10%, you get 97, 20.804, 138.156, and if you desaturate by 10%, it is 100, 0.325, 323.499.

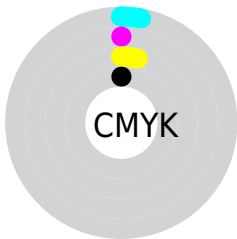
Distribution



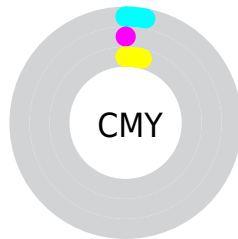
- Red (96%)
- Green (100%)
- Blue (96%)



- 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, 5.828, 138.679 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, 5.828, 138.679 by changing the saturation by 10% instead.

 99, 5.828, 138.679

 99, 5.828, 138.679

 100, 5.828,
138.679

 89, 5.828, 138.679

 79, 5.828, 138.679

 69, 5.828, 138.679

 59, 5.828, 138.679

 49, 5.828, 138.679

 39, 5.828, 138.679

 29, 5.828, 138.679

 19, 5.828, 138.679

 9, 5.828, 138.679

99, 5.828, 138.679

99, 5.828, 138.679

97, 20.804,
138.156

100, 0.325,
323.499

95, 35.821,
137.588

94, 50.697,
136.958

92, 65.176,
136.282

91, 78.913,
135.595

90, 91.442,
134.965

89, 102.169,
134.498

89, 110.435,
134.329

■ 88, 115.747,
134.561

Harmonies

Complementary

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



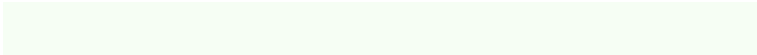
99, 5.828, 138.679



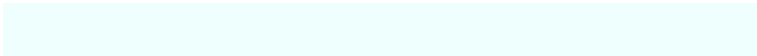
97, 5.862, 318.947

Rectangle

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



99, 5.828, 138.679



99, 5.828, 188.679



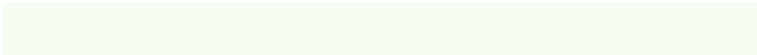
99, 5.828, 318.679



99, 5.828, 8.679

Sweetspot

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



99, 5.831, 138.682



100, 1.475, 138.941



99, 4.107, 99.913



53, 0.838, 138.953



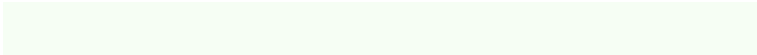
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



99, 5.831, 138.682



99, 7.439, 138.623



99, 5.018, 154.098



53, 5.078, 138.586



68, 94.750, 134.677



23, 42.250, 133.968

Inverse Universe

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



97, 5.862, 318.947



97, 7.476, 319.004



97, 5.044, 334.473



51, 5.104, 319.039



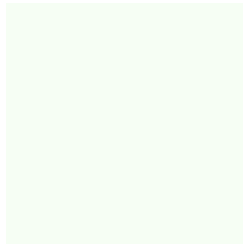
39, 94.861, 320.692



10, 43.493, 321.546

Previews

White Background



This preview shows how the CIELCh color 99, 5.828, 138.679 looks on a white background.

Color Contrast Check

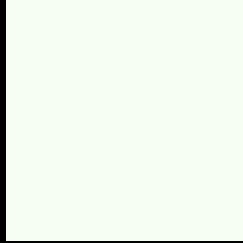
Large Text (above 18pt) WCAG AA × Fail

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, 5.828, 138.679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

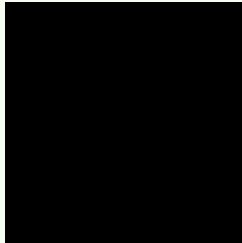
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 5.828, 138.679

Background



This preview shows how black text looks on a background with the CIELCh color 99, 5.828, 138.679.



This preview shows how white text looks on a background with the CIELCh color 99, 5.828, 138.679.

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, 5.833, 138.678



Protanopia
99, 2.272, 82.227

Deuteranopia
99, 1.406, 19.030

Tritanopia
99, 1.537, 290.342

Trichromacy



Original Color

99, 5.833, 138.678

Protanomaly

99, 3.061, 116.535

Deuteranomaly

99, 1.514, 110.013

Tritanomaly

99, 1.462, 155.868

Monochromacy



Original Color

99, 5.833, 138.678

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, 5.828, 138.679 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, 244)` looks like.

```
.text, #text, p{  
    color:rgb(246, 254, 244)  
}
```

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, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 254, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 5.828, 138.679 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, 244) }
```

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

```
.border{ border-color:rgb(246, 254, 244) }
```

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, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 254, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 254, 244);  
box-shadow:4px 4px 4px 4px rgb(246, 254,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 5.828, 138.679 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, 244) }
```

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

```
.background{ background-color: rgb(246,  
254, 244) }
```

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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