

Converting Colors

CIELCh(100, 12.686, 147.145)

Have a look what the booklet for
CIELCh(100, 12.686, 147.145)
contains.

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Color

CIELCh(99, 9.129, 147.698)

Conversions

Conversions Part 1

Format	Color
Hex	F0FFF2
RGB	240, 255, 242
RGB Percent	94%, 100%, 95%
CMY	0.0573, 0.0000, 0.0495
CMYK	0.06, 0.00, 0.05, 0.00
HSL	128°, 100%, 97%
HSV	128°, 6%, 100%
XYZ	88.3521, 97.4360, 98.4516
YIQ	249.0330, -4.7670, -7.2230

Conversions

Conversions Part 2

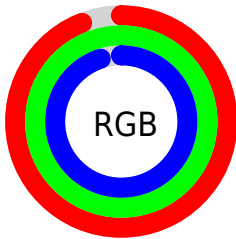
Format	Color
R_{YB}	240, 253, 255
Decimal	15794162
CIE _{Lab}	99.00, -7.72, 4.88
CIE _{LCh}	99, 9.129, 147.698
Yxy	97.4360, 0.3108, 0.3428
Android (android.graphics.Color)	4293984242 (0xFFFF0FFF2)
YUV	249.0330, -3.4673, -7.9219
Hunter-Lab	98.7097, -12.9719, 9.9618

Details

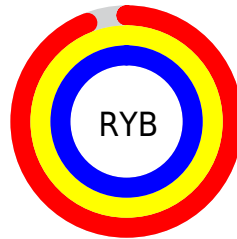
The CIELCh color **99, 9.129, 147.698** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **96, 8.293, 328.718**, and the grayscale version is **98, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **79, 8.276, 148.214** is the 20% darker color. If you saturate the color by 10%, you get **96, 22.831, 147.390**, and if you desaturate by 10%, it is **100, 0.012, 296.813**.

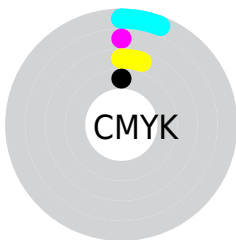
Distribution



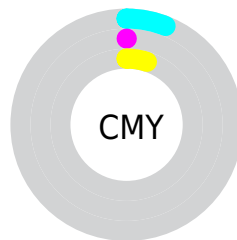
- Red (94%)
- Green (100%)
- Blue (95%)



- Red (94%)
- Yellow (99%)
- Blue (100%)



- Cyan (6%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)



- Cyan (6%)
- Magenta (0%)
- Yellow (5%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 9.129, 147.698 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, 9.129, 147.698 by changing the saturation by 10% instead.

 99, 9.129, 147.698

 99, 9.129, 147.698

 100, 9.129,
147.698

 89, 9.129, 147.698

 79, 9.129, 147.698

 69, 9.129, 147.698

 59, 9.129, 147.698

 49, 9.129, 147.698

 39, 9.129, 147.698

 29, 9.129, 147.698

 19, 9.129, 147.698

 9, 9.129, 147.698

99, 9.129, 147.698

99, 9.129, 147.698

96, 22.831,
147.390

100, 0.012,
296.813

95, 37.403,
146.573

93, 51.756,
145.624


91, 65.607,
144.529

90, 78.618,
143.283

89, 90.415,
141.901

89, 100.603,
140.431

88, 108.796,
138.962

 88, 114.678,
137.625

Harmonies

Complementary

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



99, 9.129, 147.698



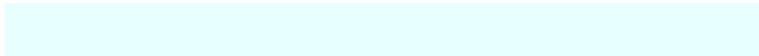
96, 8.293, 328.718

Rectangle

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



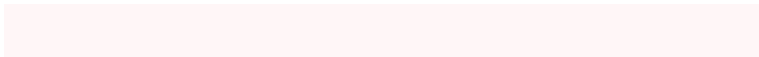
99, 9.129, 147.698



99, 9.129, 197.698



99, 9.129, 327.698



99, 9.129, 17.698

Sweetspot

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



99, 8.269, 148.110



100, 2.869, 148.422



100, 7.443, 114.969



53, 1.631, 148.435



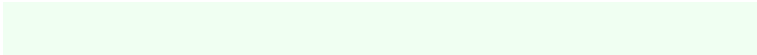
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



99, 8.269, 148.110



98, 10.105, 148.021



99, 5.800, 171.084



52, 6.569, 147.978



68, 93.338, 137.381



23, 40.850, 139.502

Inverse Universe

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



96, 8.293, 328.718



96, 10.131, 328.802



96, 5.885, 351.943



51, 6.586, 328.841



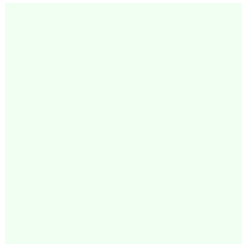
44, 83.603, 334.571



12, 38.957, 333.705

Previews

White Background



This preview shows how the CIE LCh color 99, 9.129, 147.698 looks on a white background.

Color Contrast Check

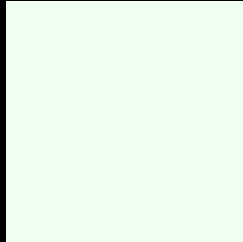
Large Text (above 18pt) WCAG AA × Fail

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, 9.129, 147.698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

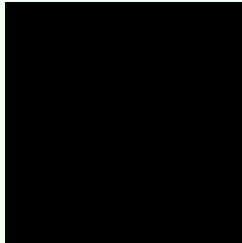
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

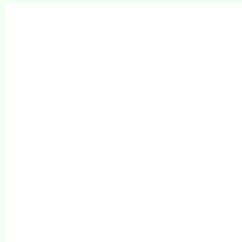
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 99, 9.129, 147.698

Background



This preview shows how black text looks on a background with the CIELCh color 99, 9.129, 147.698.

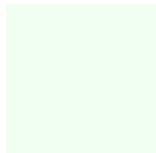


This preview shows how white text looks on a background with the CIELCh color 99, 9.129, 147.698.

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, 8.505, 147.987

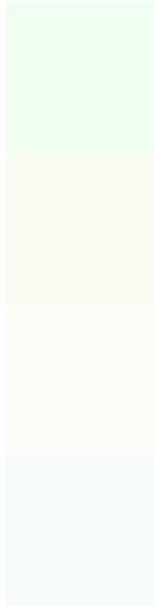


Protanopia
98, 3.507, 79.521

Deuteranopia
99, 1.759, 19.148

Tritanopia
99, 2.071, 280.717

Trichromacy



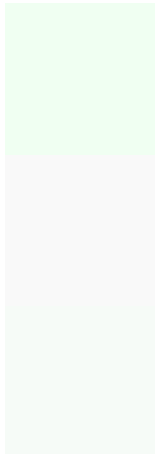
Original Color
99, 8.505, 147.987

Protanomaly
99, 4.627, 118.621

Deuteranomaly
99, 2.635, 125.443

Tritanomaly
99, 2.027, 169.499

Monochromacy



Original Color
99, 8.505, 147.987

Achromatopsia
98, 0.011, 296.813

Achromatomaly
98, 2.697, 150.540

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 9.129, 147.698 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(240, 255, 242)` looks like.

```
.text, #text, p{  
    color:rgb(240, 255, 242)  
}
```

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(240, 255, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 255, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 9.129, 147.698 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(240, 255, 242) }
```

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

```
.border{ border-color:rgb(240, 255, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 255, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 255, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 255, 242);  
box-shadow:4px 4px 4px 4px rgb(240, 255,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 9.129, 147.698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 255, 242) }
```

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

```
.background{ background-color: rgb(240,  
255, 242) }
```

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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