

Converting Colors

CIE LCh(99, 8.306, 129.940)

Have a look what the booklet for
CIELCh(99, 8.306, 129.940) contains.

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Color

CIElCh(99, 8.145, 129.990)

Conversions

Conversions Part 1

Format	Color
Hex	F7FFF0
RGB	247, 255, 240
RGB Percent	97%, 100%, 94%
CMY	0.0320, 0.0006, 0.0595
CMYK	0.03, 0.00, 0.06, 0.00
HSL	92°, 98%, 97%
HSV	92°, 6%, 100%
XYZ	89.7070, 97.4360, 96.3862
YIQ	250.8980, 0.0470, -6.3610

Conversions

Conversions Part 2

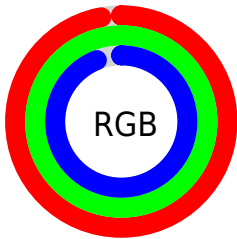
Format	Color
R _Y B	240, 255, 248
Decimal	16252912
CIE Lab	99.00, -5.23, 6.24
CIE LCh	99, 8.145, 129.990
Yxy	97.4360, 0.3164, 0.3437
Android (android.graphics.Color)	4294442992 (0xFFFF7FFF0)
YUV	250.8980, -5.3727, -3.4185
Hunter-Lab	98.7097, -10.5217, 11.2024

Details

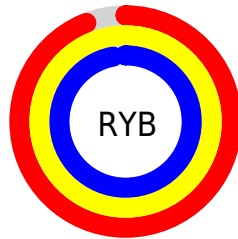
The CIELCh color 99, 8.145, 129.990 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 96, 8.226, 310.465, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 7.915, 128.775 is the 20% darker color. If you saturate the color by 10%, you get 97, 22.045, 129.527, and if you desaturate by 10%, it is 100, 0.112, 321.687.

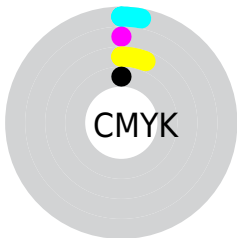
Distribution



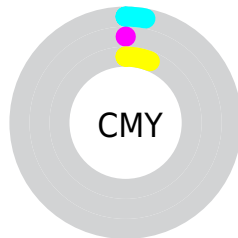
- Red (97%)
- Green (100%)
- Blue (94%)



- Red (94%)
- Yellow (100%)
- Blue (97%)



- Cyan (3%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)



- Cyan (3%)
- Magenta (0%)
- Yellow (6%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 8.145, 129.990 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, 8.145, 129.990 by changing the saturation by 10% instead.

 99, 8.145, 129.990

 99, 8.145, 129.990

 100, 8.145,
129.990

 89, 8.145, 129.990

 79, 8.145, 129.990

 69, 8.145, 129.990

 59, 8.145, 129.990

 49, 8.145, 129.990

 39, 8.145, 129.990

 29, 8.145, 129.990

 19, 8.145, 129.990

 9, 8.145, 129.990

99, 8.145, 129.990

99, 8.145, 129.990

97, 22.045,
129.527

100, 0.112,
321.687

96, 35.901,
129.042

95, 49.572,
128.550

94, 62.851,
128.084

93, 75.441,
127.696

92, 86.916,
127.469

91, 96.720,
127.520

90, 104.246,
127.982

■ 90,109.120,
128.945

Harmonies

Complementary

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



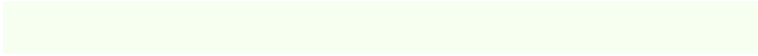
99, 8.145, 129.990



96, 8.226, 310.465

Rectangle

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



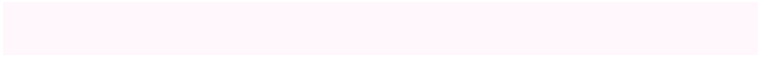
99, 8.145, 129.990



99, 8.145, 179.990



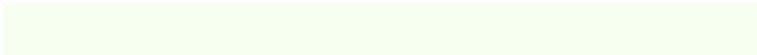
99, 8.145, 309.990



99, 8.145, 359.990

Sweetspot

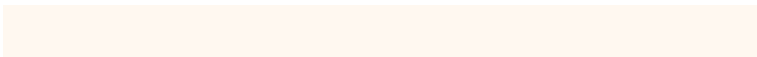
The Sweet Spot groups the original color and five complimentary colors.



99, 8.148, 129.995



100, 2.759, 130.201



98, 4.755, 78.118



53, 1.568, 130.208



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, 8.148, 129.995



99, 9.698, 129.943



99, 9.122, 145.034



53, 6.303, 129.915



69, 88.841, 129.147



23, 39.489, 127.633

Inverse Universe

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



96, 8.226, 310.465



95, 9.800, 310.518



96, 9.144, 325.637



50, 6.373, 310.546



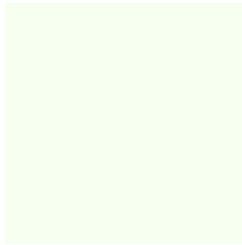
31, 99.808, 312.659



6, 44.854, 313.804

Previews

White Background



This preview shows how the CIELCh color 99, 8.145, 129.990 looks on a white background.

Color Contrast Check

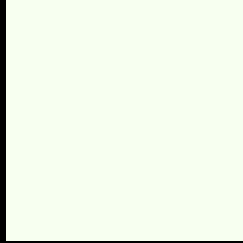
Large Text (above 18pt) WCAG AA × Fail

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, 8.145, 129.990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

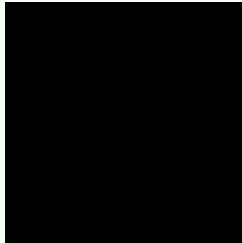
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

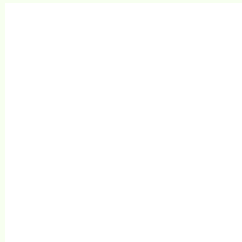
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 99, 8.145, 129.990

Background



This preview shows how black text looks on a background with the CIELCh color 99, 8.145, 129.990.

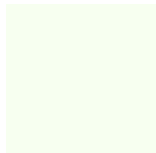


This preview shows how white text looks on a background with the CIELCh color 99, 8.145, 129.990.

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, 8.145, 129.990



Protanopia


99, 2.732, 87.135

Deuteranopia

99, 1.406, 19.030

Tritanopia
99, 1.537, 290.342

Trichromacy



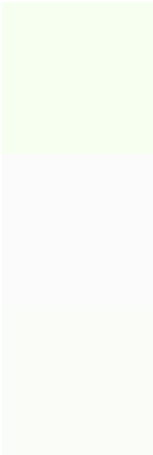
Original Color
99, 8.145, 129.990

Protanomaly
99, 4.578, 114.254

Deuteranomaly
99, 2.530, 109.957

Tritanomaly
99, 2.291, 137.329

Monochromacy



Original Color
99, 8.145, 129.990

Achromatopsia
99, 0.012, 296.813

Achromatomaly
99, 2.755, 132.467

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 8.145, 129.990 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(247, 255, 240)` looks like.

```
.text, #text, p{  
    color:rgb(247, 255, 240)  
}
```

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(247, 255, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 255, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 8.145, 129.990 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(247, 255, 240) }
```

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

```
.border{ border-color:rgb(247, 255, 240) }
```

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

Here you see how a box with a 4 pixel rgb(247, 255, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 255, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 255, 240);  
box-shadow:4px 4px 4px 4px rgb(247, 255,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 8.145, 129.990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 255, 240) }
```

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

```
.background{ background-color: rgb(247,  
255, 240) }
```

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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