

Converting Colors

CIELCh(100, 9.414, 139.628)

Have a look what the booklet for
CIELCh(100, 9.414, 139.628)
contains.

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Color

CIELCh(99, 6.897, 137.124)

Conversions

Conversions Part 1

Format	Color
Hex	F6FFF3
RGB	246, 255, 243
RGB Percent	96%, 100%, 95%
CMY	0.0359, 0.0006, 0.0477
CMYK	0.04, 0.00, 0.05, 0.00
HSL	105°, 97%, 98%
HSV	105°, 5%, 100%
XYZ	89.8059, 97.4360, 98.7352
YIQ	250.9410, -1.5120, -5.6400

Conversions

Conversions Part 2

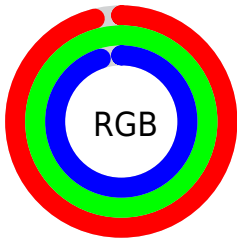
Format	Color
R_{YB}	243, 255, 252
Decimal	16187379
CIE _{Lab}	99.00, -5.05, 4.69
CIE _{LCh}	99, 6.897, 137.124
Yxy	97.4360, 0.3140, 0.3407
Android (android.graphics.Color)	4294377459 (0xFFFF6FFF3)
YUV	250.9410, -3.9149, -4.3333
Hunter-Lab	98.7097, -10.3430, 9.7915

Details

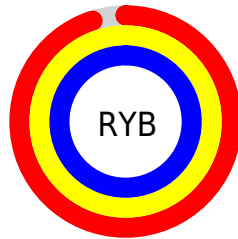
The CIELCh color 99, 6.897, 137.124 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97, 6.939, 317.465, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 6.591, 136.384 is the 20% darker color. If you saturate the color by 10%, you get 97, 21.668, 136.627, and if you desaturate by 10%, it is 100, 0.111, 321.658.

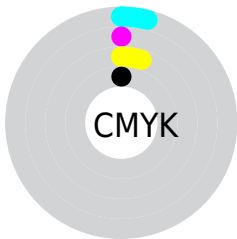
Distribution



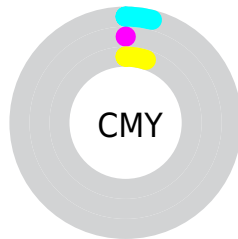
- Red (96%)
- Green (100%)
- Blue (95%)



- Red (95%)
- Yellow (100%)
- Blue (99%)



- Cyan (4%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)



- Cyan (4%)
- Magenta (0%)
- Yellow (5%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 6.897, 137.124 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, 6.897, 137.124 by changing the saturation by 10% instead.

 99, 6.897, 137.124

 99, 6.897, 137.124

 100, 6.897,
137.124

 89, 6.897, 137.124

 79, 6.897, 137.124

 69, 6.897, 137.124

 59, 6.897, 137.124

 49, 6.897, 137.124

 39, 6.897, 137.124

 29, 6.897, 137.124

 19, 6.897, 137.124

 9, 6.897, 137.124

99, 6.897, 137.124

99, 6.897, 137.124

97, 21.668,
136.627

100, 0.111,
321.658

95, 36.462,
136.087

94, 51.104,
135.498


92, 65.351,
134.881

91, 78.865,
134.275

90, 91.189,
133.755

90, 101.734,
133.430

89, 109.850,
133.434

 88,115.074,
133.865

Harmonies

Complementary

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



99, 6.897, 137.124



97, 6.939, 317.465

Rectangle

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



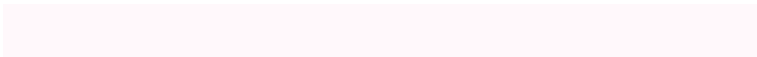
99, 6.897, 137.124



99, 6.897, 187.124



99, 6.897, 317.124



99, 6.897, 7.124

Sweetspot

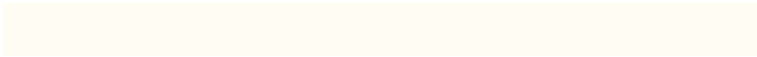
The Sweet Spot groups the original color and five complimentary colors.



99, 6.900, 137.127



100, 1.454, 137.416



99, 4.676, 96.629



53, 0.826, 137.427



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, 6.900, 137.127



99, 8.803, 137.062



99, 6.251, 152.090



53, 5.842, 137.029



68, 93.938, 134.011



23, 41.809, 133.095

Inverse Universe

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



97, 6.939, 317.465



96, 8.854, 317.528



97, 6.277, 332.584



51, 5.876, 317.559



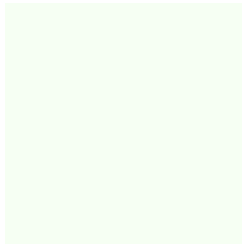
37, 95.611, 318.974



9, 43.773, 319.996

Previews

White Background



This preview shows how the CIELCh color 99, 6.897, 137.124 looks on a white background.

Color Contrast Check

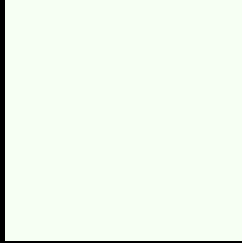
Large Text (above 18pt) WCAG AA × Fail

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, 6.897, 137.124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

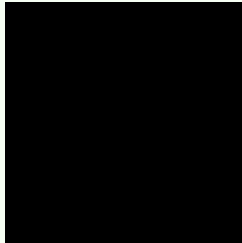
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 6.897, 137.124

Background



This preview shows how black text looks on a background with the CIELCh color 99, 6.897, 137.124.

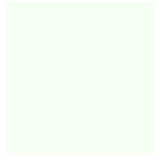


This preview shows how white text looks on a background with the CIELCh color 99, 6.897, 137.124.

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, 6.897, 137.124



Protanopia

99, 2.732, 87.135

Deuteranopia

99, 1.406, 19.030

Tritanopia
99, 1.537, 290.342

Trichromacy



Original Color

99, 6.897, 137.124

Protanomaly

99, 4.072, 114.835

Deuteranomaly

99, 2.022, 109.988

Tritanomaly

99, 1.462, 155.868

Monochromacy



Original Color

99, 6.897, 137.124

Achromatopsia

99, 0.012, 296.813

Achromatomaly

99, 2.293, 137.328

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 6.897, 137.124 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, 255, 243)` looks like.

```
.text, #text, p{  
    color:rgb(246, 255, 243)  
}
```

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, 255, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 255, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 6.897, 137.124 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, 255, 243) }
```

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

```
.border{ border-color:rgb(246, 255, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 255, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 255, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 255, 243);  
box-shadow:4px 4px 4px 4px rgb(246, 255,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 6.897, 137.124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 255, 243) }
```

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

```
.background{ background-color: rgb(246,  
255, 243) }
```

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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