

Converting Colors

CIELCh(100, 9.667, 156.935)

Have a look what the booklet for
CIELCh(100, 9.667, 156.935)
contains.

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Color

CIELCh(99, 6.671, 161.494)

Conversions

Conversions Part 1

Format	Color
Hex	F1FFF8
RGB	241, 255, 248
RGB Percent	95%, 100%, 97%
CMY	0.0558, 0.0000, 0.0284
CMYK	0.06, 0.00, 0.03, 0.00
HSL	150°, 100%, 97%
HSV	150°, 6%, 100%
XYZ	89.1094, 97.4360, 102.7286
YIQ	250.0160, -6.0970, -5.1450

Conversions

Conversions Part 2

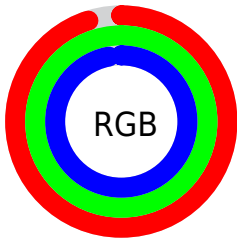
Format	Color
R _Y B	241, 250, 255
Decimal	15859704
CIE Lab	99.00, -6.33, 2.12
CIE LCh	99, 6.671, 161.494
Yxy	97.4360, 0.3080, 0.3368
Android (android.graphics.Color)	4294049784 (0xFFFF1FFF8)
YUV	250.0160, -0.9939, -7.9070
Hunter-Lab	98.7097, -11.6025, 7.3928

Details

The CIELCh color 99, 6.671, 161.494 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 96, 6.271, 343.607, 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, 5.763, 165.294 is the 20% darker color. If you saturate the color by 10%, you get 97, 17.369, 161.902, and if you desaturate by 10%, it is 100, 0.012, 296.813.

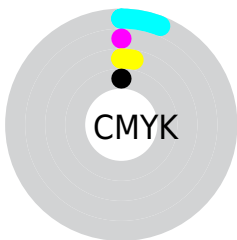
Distribution



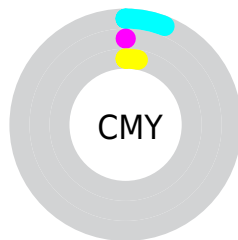
- Red (95%)
- Green (100%)
- Blue (97%)



- Red (95%)
- Yellow (98%)
- Blue (100%)



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



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 6.671, 161.494 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, 6.671, 161.494 by changing the saturation by 10% instead.

 99, 6.671, 161.494

 99, 6.671, 161.494

 100, 6.671,
161.494

 89, 6.671, 161.494

 79, 6.671, 161.494

 69, 6.671, 161.494

 59, 6.671, 161.494

 49, 6.671, 161.494

 39, 6.671, 161.494

 29, 6.671, 161.494

 19, 6.671, 161.494

 9, 6.671, 161.494

99, 6.671, 161.494

99, 6.671, 161.494

97, 17.369,
161.902

100, 0.012,
296.813

95, 28.413,
160.897

93, 39.182,
159.775

92, 49.492,
158.508

91, 59.147,
157.069

90, 67.965,
155.433

89, 75.804,
153.584

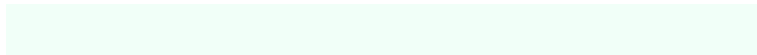
89, 82.598,
151.519

 89, 88.377,
149.264

Harmonies

Complementary

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



99, 6.671, 161.494



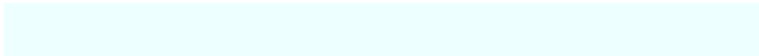
96, 6.271, 343.607

Rectangle

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



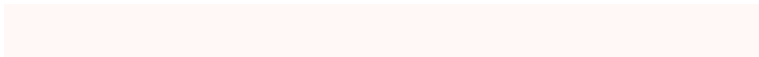
99, 6.671, 161.494



99, 6.671, 211.494



99, 6.671, 341.494



99, 6.671, 31.494

Sweetspot

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



99, 6.215, 162.842



100, 2.220, 163.279



99, 7.640, 128.253



53, 1.262, 163.299



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

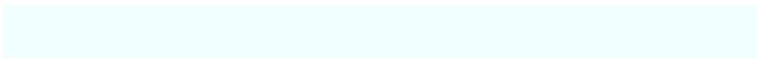
The Same Dimension uses a secret algorithm to generate beautiful new colors.



99, 6.215, 162.842



99, 7.798, 162.705



99, 4.908, 197.817



52, 5.068, 162.648



68, 72.402, 148.687



23, 31.213, 151.916

Inverse Universe

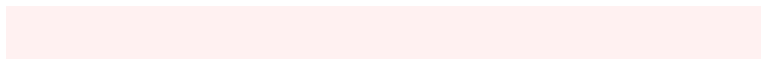
The Inverse Universe completely reimagines the original color for something new.



96, 6.271, 343.607



95, 7.877, 343.743



96, 5.079, 18.255



50, 5.122, 343.800



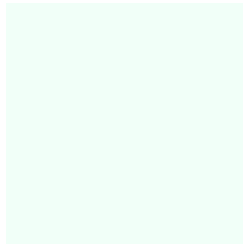
41, 68.338, 1.355



10, 31.946, 355.880

Previews

White Background



This preview shows how the CIE LCh color 99, 6.671, 161.494 looks on a white background.

Color Contrast Check

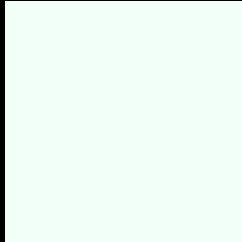
Large Text (above 18pt) WCAG AA × Fail

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, 6.671, 161.494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

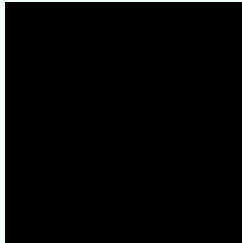
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 6.671, 161.494

Background



This preview shows how black text looks on a background with the CIELCh color 99, 6.671, 161.494.

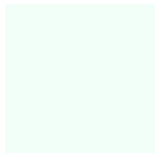


This preview shows how white text looks on a background with the CIELCh color 99, 6.671, 161.494.

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, 6.078, 163.276



Protanopia

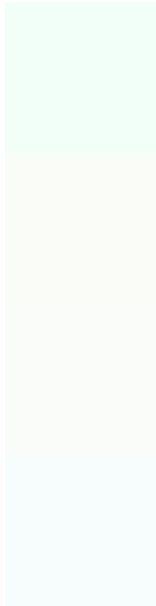
99, 2.059, 66.765

Deuteranopia

99, 1.838, 3.095

Tritanopia
99, 2.071, 280.717

Trichromacy



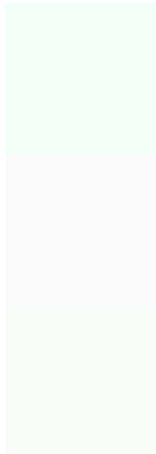
Original Color
99, 6.078, 163.276

Protanomaly
99, 2.149, 129.065

Deuteranomaly
99, 1.233, 144.647

Tritanomaly
99, 1.739, 199.672

Monochromacy



Original Color
99, 6.078, 163.276

Achromatopsia
98, 0.011, 296.813

Achromatomaly
99, 2.330, 158.674

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 6.671, 161.494 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(241, 255, 248)` looks like.

```
.text, #text, p{  
    color:rgb(241, 255, 248)  
}
```

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(241, 255, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 255, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 6.671, 161.494 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(241, 255, 248) }
```

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

```
.border{ border-color:rgb(241, 255, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 255, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 255, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 255, 248);  
box-shadow:4px 4px 4px 4px rgb(241, 255,  
248) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 6.671, 161.494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 255, 248) }
```

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

```
.background{ background-color: rgb(241,  
255, 248) }
```

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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