

Converting Colors

CIELCh(100, 11.362, 150.096)

Have a look what the booklet for
CIELCh(100, 11.362, 150.096)
contains.

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Color

CIELCh(99, 7.969, 154.406)

Conversions

Conversions Part 1

Format	Color
Hex	F0FFF5
RGB	240, 255, 245
RGB Percent	94%, 100%, 96%
CMY	0.0581, 0.0000, 0.0385
CMYK	0.06, 0.00, 0.04, 0.00
HSL	140°, 100%, 97%
HSV	140°, 6%, 100%
XYZ	88.6399, 97.4360, 100.6607
YIQ	249.3750, -5.7300, -6.2900

Conversions

Conversions Part 2

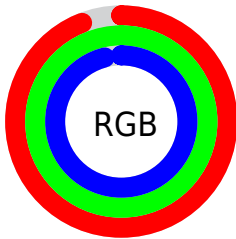
Format	Color
R_{YB}	240, 251, 255
Decimal	15794165
CIE _{Lab}	99.00, -7.19, 3.44
CIE _{LCh}	99, 7.969, 154.406
Yxy	97.4360, 0.3091, 0.3398
Android (android.graphics.Color)	4293984245 (0xFFFF0FFF5)
YUV	249.3750, -2.1569, -8.2219
Hunter-Lab	98.7097, -12.4516, 8.6349

Details

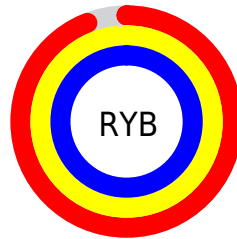
The CIELCh color **99, 7.969, 154.406** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **96, 7.287, 336.195**, and the grayscale version is **98, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **79, 7.080, 156.230** is the 20% darker color. If you saturate the color by 10%, you get **97, 19.801, 154.651**, and if you desaturate by 10%, it is **100, 0.012, 296.813**.

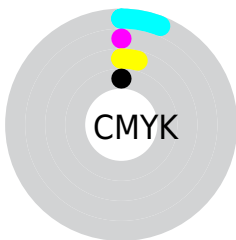
Distribution



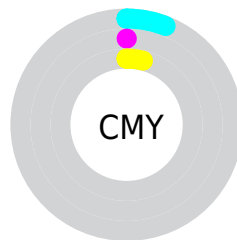
- Red (94%)
- Green (100%)
- Blue (96%)



- Red (94%)
- Yellow (98%)
- Blue (100%)



- Cyan (6%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)



- Cyan (6%)
- Magenta (0%)
- Yellow (4%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 7.969, 154.406 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, 7.969, 154.406 by changing the saturation by 10% instead.

 99, 7.969, 154.406

 99, 7.969, 154.406

 100, 7.969,
154.406

 89, 7.969, 154.406

 79, 7.969, 154.406

 69, 7.969, 154.406

 59, 7.969, 154.406

 49, 7.969, 154.406

 39, 7.969, 154.406

 29, 7.969, 154.406

 19, 7.969, 154.406

 9, 7.969, 154.406

99, 7.969, 154.406

99, 7.969, 154.406

97, 19.801,
154.651

100, 0.012,
296.813

95, 32.316,
153.736

93, 44.613,
152.691

92, 56.478,
151.491

91, 67.675,
150.112

90, 77.970,
148.538

89, 87.160,
146.767

88, 95.103,
144.820

■ 88, 101.743,
142.755

Harmonies

Complementary

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



99, 7.969, 154.406



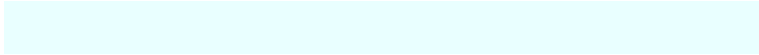
96, 7.287, 336.195

Rectangle

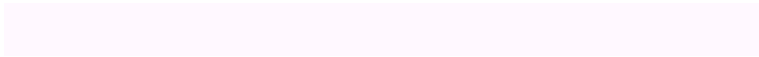
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



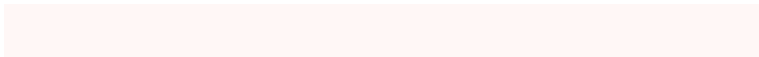
99, 7.969, 154.406



99, 7.969, 204.406



99, 7.969, 334.406



99, 7.969, 24.406

Sweetspot

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



99, 7.248, 155.481



100, 2.481, 155.870



99, 7.732, 122.743



53, 1.410, 155.886



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, 7.248, 155.481



98, 8.733, 155.383



99, 5.296, 185.440



52, 5.676, 155.333



68, 83.194, 142.296



23, 35.802, 145.292

Inverse Universe

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



96, 7.287, 336.195



95, 8.781, 336.290



96, 5.436, 6.234



50, 5.708, 336.338



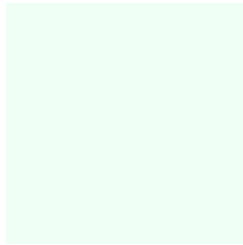
42, 72.645, 347.803



11, 34.257, 344.708

Previews

White Background



This preview shows how the CIELCh color 99, 7.969, 154.406 looks on a white background.

Color Contrast Check

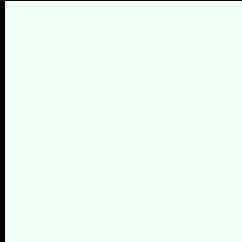
Large Text (above 18pt) WCAG AA × Fail

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, 7.969, 154.406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

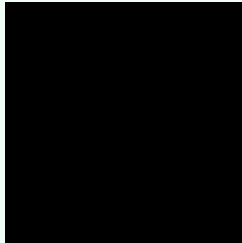
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

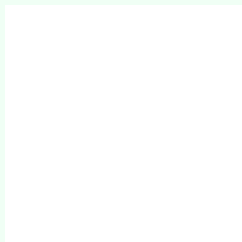
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 99, 7.969, 154.406

Background



This preview shows how black text looks on a background with the CIELCh color 99, 7.969, 154.406.



This preview shows how white text looks on a background with the CIELCh color 99, 7.969, 154.406.

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, 7.355, 155.302

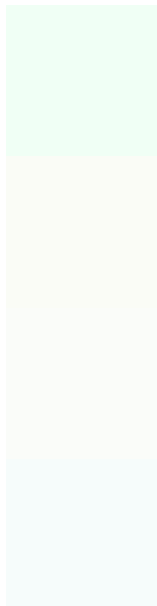


Protanopia
99, 2.675, 68.589

Deuteranopia
99, 1.838, 3.095

Tritanopia
99, 2.071, 280.717

Trichromacy



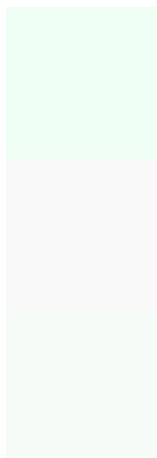
Original Color
99, 7.355, 155.302

Protanomaly
99, 3.128, 122.943

Deuteranomaly
99, 1.677, 134.742

Tritanomaly
99, 2.155, 185.907

Monochromacy



Original Color
99, 7.355, 155.302

Achromatopsia
98, 0.011, 296.813

Achromatomaly
98, 2.331, 158.672

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 7.969, 154.406 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, 245)` looks like.

```
.text, #text, p{  
    color:rgb(240, 255, 245)  
}
```

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, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 255, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 7.969, 154.406 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, 245) }
```

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

```
.border{ border-color:rgb(240, 255, 245) }
```

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, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 255, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 255, 245);  
box-shadow:4px 4px 4px 4px rgb(240, 255,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 7.969, 154.406 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, 245) }
```

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

```
.background{ background-color: rgb(240,  
255, 245) }
```

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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