

Converting Colors

CIELCh(99, 6.097, 156.814)

Have a look what the booklet for
CIELCh(99, 6.097, 156.814) contains.

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Color

CIELCh(99, 5.878, 155.402)

Conversions

Conversions Part 1

Format	Color
Hex	F3FFF7
RGB	243, 255, 247
RGB Percent	95%, 100%, 97%
CMY	0.0464, 0.0000, 0.0307
CMYK	0.05, 0.00, 0.03, 0.00
HSL	140°, 100%, 98%
HSV	140°, 5%, 100%
XYZ	89.6466, 97.4360, 102.2121
YIQ	250.5000, -4.5840, -5.0320

Conversions

Conversions Part 2

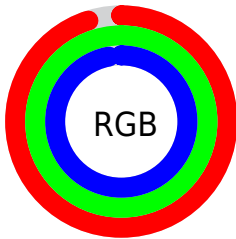
Format	Color
R_{YB}	243, 252, 255
Decimal	15990775
CIE _{Lab}	99.00, -5.34, 2.45
CIE _{LCh}	99, 5.878, 155.402
Yxy	97.4360, 0.3099, 0.3368
Android (android.graphics.Color)	4294180855 (0xFFFF3FFF7)
YUV	250.5000, -1.7255, -6.5775
Hunter-Lab	98.7097, -10.6310, 7.7031

Details

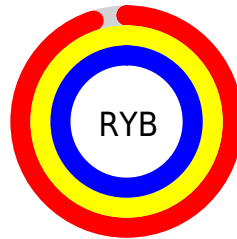
The CIELCh color 99, 5.878, 155.402 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97, 5.807, 336.122, and the grayscale version is 98, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 5.530, 156.641 is the 20% darker color. If you saturate the color by 10%, you get 97, 18.317, 154.777, and if you desaturate by 10%, it is 100, 0.012, 296.813.

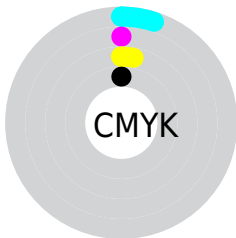
Distribution



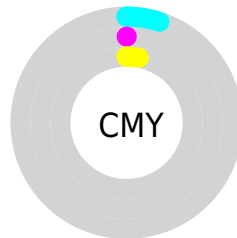
- Red (95%)
- Green (100%)
- Blue (97%)



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



- Cyan (5%)
- Magenta (0%)
- Yellow (3%)
- Black (0%)



- Cyan (5%)
- Magenta (0%)
- Yellow (3%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 5.878, 155.402 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, 5.878, 155.402 by changing the saturation by 10% instead.

 99, 5.878, 155.402

 99, 5.878, 155.402

 100, 5.878,
155.402

 89, 5.878, 155.402

 79, 5.878, 155.402

 69, 5.878, 155.402

 59, 5.878, 155.402

 49, 5.878, 155.402

 39, 5.878, 155.402

 29, 5.878, 155.402

 19, 5.878, 155.402

 9, 5.878, 155.402

99, 5.878, 155.402

99, 5.878, 155.402

97, 18.317,
154.777

100, 0.012,
296.813

95, 30.839,
153.875

93, 43.167,
152.846


92, 55.088,
151.665

91, 66.370,
150.307

90, 76.777,
148.757

89, 86.100,
147.008

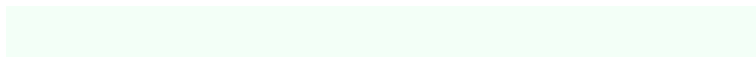
89, 94.191,
145.078

 88,100.982,
143.021

Harmonies

Complementary

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



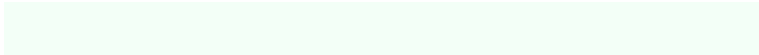
99, 5.878, 155.402



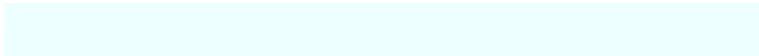
97, 5.807, 336.122

Rectangle

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



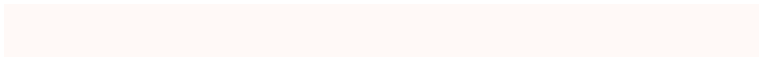
99, 5.878, 155.402



99, 5.878, 205.402



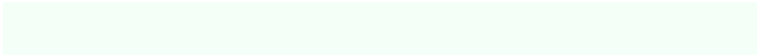
99, 5.878, 335.402



99, 5.878, 25.402

Sweetspot

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



99, 5.776, 155.608



100, 1.235, 156.137



99, 6.167, 122.810



53, 0.702, 156.159



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

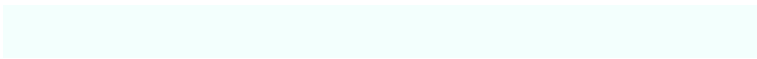
The Same Dimension uses a secret algorithm to generate beautiful new colors.



99, 5.776, 155.608



99, 7.477, 155.491



99, 4.232, 185.572



53, 4.962, 155.437



68, 83.156, 142.317



23, 35.785, 145.314

Inverse Universe

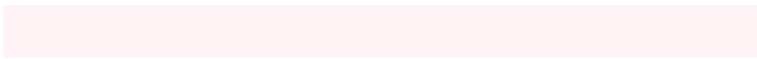
The Inverse Universe completely reimagines the original color for something new.



97, 5.807, 336.122



96, 7.517, 336.236



97, 4.324, 6.096



51, 4.988, 336.289



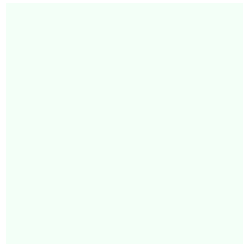
42, 72.620, 347.850



11, 34.245, 344.747

Previews

White Background



This preview shows how the CIE LCh color 99, 5.878, 155.402 looks on a white background.

Color Contrast Check

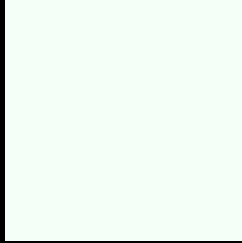
Large Text (above 18pt) WCAG AA × Fail

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, 5.878, 155.402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

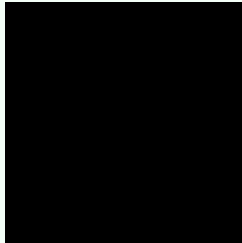
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 5.878, 155.402

Background



This preview shows how black text looks on a background with the CIELCh color 99, 5.878, 155.402.

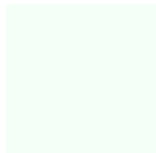


This preview shows how white text looks on a background with the CIELCh color 99, 5.878, 155.402.

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, 5.878, 155.402



Protanopia

99, 2.059, 66.765

Deuteranopia

99, 1.502, 359.268

Tritanopia
99, 1.571, 277.558

Trichromacy



A vertical color bar on the left side of the Trichromacy section, showing a gradient from light green at the top to light yellow at the bottom.

Original Color

99, 5.878, 155.402

Protanomaly

99, 2.057, 119.829

Deuteranomaly

99, 1.069, 129.166

Tritanomaly

99, 1.818, 183.409

Monochromacy



A vertical color bar on the left side of the Monochromacy section, showing a gradient from light green at the top to light yellow at the bottom.

Original Color

99, 5.878, 155.402

Achromatopsia

99, 0.012, 296.813

Achromatomaly

99, 1.733, 163.799

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 5.878, 155.402 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(243, 255, 247)` looks like.

```
.text, #text, p{  
    color:rgb(243, 255, 247)  
}
```

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(243, 255, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 255, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 5.878, 155.402 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(243, 255, 247) }
```

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

```
.border{ border-color:rgb(243, 255, 247) }
```

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

Here you see how a box with a 4 pixel rgb(243, 255, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 255, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 255, 247);  
box-shadow:4px 4px 4px 4px rgb(243, 255,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 5.878, 155.402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 255, 247) }
```

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

```
.background{ background-color: rgb(243,  
255, 247) }
```

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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