

Converting Colors

CIELCh(99, 7.028, 152.659)

Have a look what the booklet for
CIELCh(99, 7.028, 152.659) contains.

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Color

CIELCh(99, 6.492, 154.307)

Conversions

Conversions Part 1

Format	Color
Hex	F2FFF6
RGB	242, 255, 246
RGB Percent	95%, 100%, 96%
CMY	0.0493, 0.0000, 0.0336
CMYK	0.05, 0.00, 0.03, 0.00
HSL	139°, 100%, 98%
HSV	139°, 5%, 100%
XYZ	89.3696, 97.4360, 101.6371
YIQ	250.0870, -4.8590, -5.5550

Conversions

Conversions Part 2

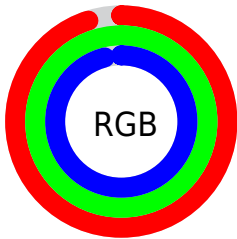
Format	Color
R_{YB}	242, 252, 255
Decimal	15925238
CIE _{Lab}	99.00, -5.85, 2.81
CIE _{LCh}	99, 6.492, 154.307
Yxy	97.4360, 0.3098, 0.3378
Android (android.graphics.Color)	4294115318 (0xFFFF2FFF6)
YUV	250.0870, -2.0149, -7.0923
Hunter-Lab	98.7097, -11.1319, 8.0484

Details

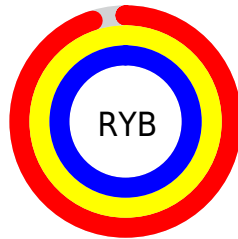
The CIELCh color 99, 6.492, 154.307 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97, 6.254, 335.319, and the grayscale version is 98, 0.011, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 6.171, 155.294 is the 20% darker color. If you saturate the color by 10%, you get 97, 18.952, 153.947, and if you desaturate by 10%, it is 100, 0.012, 296.813.

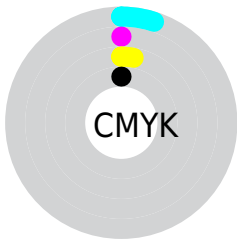
Distribution



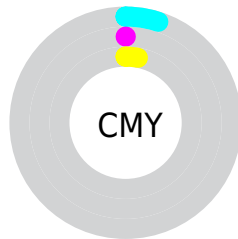
- Red (95%)
- Green (100%)
- Blue (96%)



- 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, 6.492, 154.307 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, 6.492, 154.307 by changing the saturation by 10% instead.

 99, 6.492, 154.307

 99, 6.492, 154.307

 100, 6.492,
154.307

 89, 6.492, 154.307

 79, 6.492, 154.307

 69, 6.492, 154.307

 59, 6.492, 154.307

 49, 6.492, 154.307

 39, 6.492, 154.307

 29, 6.492, 154.307

 19, 6.492, 154.307

 9, 6.492, 154.307

99, 6.492, 154.307

99, 6.492, 154.307

97, 18.952,
153.947

100, 0.012,
296.813

95, 31.666,
153.053

93, 44.183,
152.031

92, 56.288,
150.855

91, 67.739,
149.503

90, 78.293,
147.959

89, 87.731,
146.223

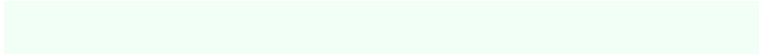
88, 95.891,
144.315

 88, 102.690,
142.298

Harmonies

Complementary

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



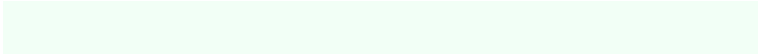
99, 6.492, 154.307



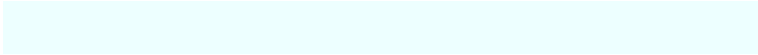
97, 6.254, 335.319

Rectangle

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



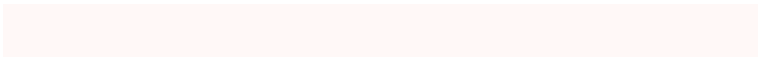
99, 6.492, 154.307



99, 6.492, 204.307



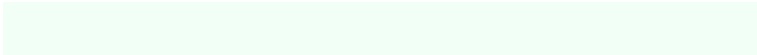
99, 6.492, 334.307



99, 6.492, 24.307

Sweetspot

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



99, 6.223, 154.764



100, 1.253, 155.305



99, 6.532, 122.164



53, 0.712, 155.326



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, 6.223, 154.764



99, 7.585, 154.674



99, 4.521, 184.233



52, 5.034, 154.621



68, 84.388, 141.672



23, 36.338, 144.614

Inverse Universe

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



97, 6.254, 335.319



96, 7.623, 335.407



97, 4.620, 4.843



51, 5.059, 335.458



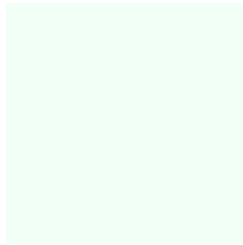
42, 73.465, 346.330



11, 34.632, 343.498

Previews

White Background



This preview shows how the CIE LCh color 99, 6.492, 154.307 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, 6.492, 154.307 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

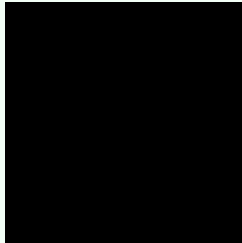
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 6.492, 154.307

Background



This preview shows how black text looks on a background with the CIELCh color 99, 6.492, 154.307.

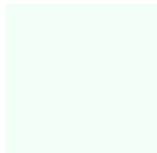


This preview shows how white text looks on a background with the CIELCh color 99, 6.492, 154.307.

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, 6.492, 154.307



Protanopia

99, 2.059, 66.765

Deuteranopia

99, 1.406, 19.030

Tritanopia
99, 1.571, 277.558

Trichromacy



Original Color

99, 6.492, 154.307

Protanomaly

99, 2.635, 125.443

Deuteranomaly

99, 1.677, 134.742

Tritanomaly

99, 1.818, 183.409

Monochromacy



Original Color

99, 6.492, 154.307

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, 6.492, 154.307 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(242, 255, 246)` looks like.

```
.text, #text, p{  
    color:rgb(242, 255, 246)  
}
```

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(242, 255, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 255, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 6.492, 154.307 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(242, 255, 246) }
```

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

```
.border{ border-color:rgb(242, 255, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 255, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 255, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 255, 246);  
box-shadow:4px 4px 4px 4px rgb(242, 255,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 6.492, 154.307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 255, 246) }
```

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

```
.background{ background-color: rgb(242,  
255, 246) }
```

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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