

Converting Colors

CIE LCh(99, 6.237, 143.039)

Have a look what the booklet for
CIELCh(99, 6.237, 143.039) contains.

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Color

CIELCh(99, 6.207, 144.269)

Conversions

Conversions Part 1

Format	Color
Hex	F5FFF5
RGB	245, 255, 245
RGB Percent	96%, 100%, 96%
CMY	0.0396, 0.0004, 0.0396
CMYK	0.04, 0.00, 0.04, 0.00
HSL	120°, 98%, 98%
HSV	120°, 4%, 100%
XYZ	89.8145, 97.4360, 100.3785
YIQ	250.8700, -2.7500, -5.2300

Conversions

Conversions Part 2

Format	Color
RYB	245, 255, 255
Decimal	16121845
CIELab	99.00, -5.04, 3.62
CIELCh	99, 6.207, 144.269
Yxy	97.4360, 0.3123, 0.3388
Android (android.graphics.Color)	4294311925 (0xFFFF5FFF5)
YUV	250.8700, -2.8939, -5.1480
Hunter-Lab	98.7097, -10.3274, 8.8044

Details

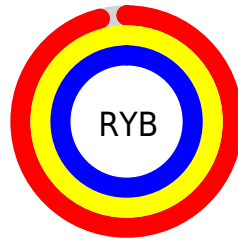
The CIELCh color 99, 6.207, 144.269 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 98, 6.230, 324.610, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 5.862, 144.230 is the 20% darker color. If you saturate the color by 10%, you get 97, 22.200, 143.595, and if you desaturate by 10%, it is 100, 0.070, 319.991.

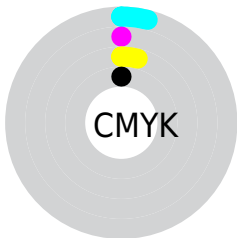
Distribution



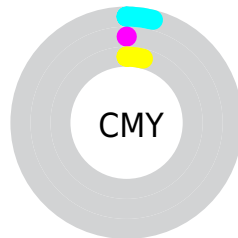
- Red (96%)
- Green (100%)
- Blue (96%)



- Red (96%)
- Yellow (100%)
- Blue (100%)



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



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 6.207, 144.269 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, 6.207, 144.269 by changing the saturation by 10% instead.

 99, 6.207, 144.269

 99, 6.207, 144.269

 100, 6.207,
144.269

 89, 6.207, 144.269

 79, 6.207, 144.269

 69, 6.207, 144.269

 59, 6.207, 144.269

 49, 6.207, 144.269

 39, 6.207, 144.269

 29, 6.207, 144.269

 19, 6.207, 144.269

 9, 6.207, 144.269

99, 6.207, 144.269

99, 6.207, 144.269

97, 22.200,
143.595

100, 0.070,
319.991

95, 38.234,
142.837

93, 54.047,
141.958


91, 69.287,
140.956

90, 83.503,
139.851

89, 96.145,
138.700

88, 106.573,
137.609

88, 114.142,
136.725

 88, 118.442,
136.185

Harmonies

Complementary

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



99, 6.207, 144.269



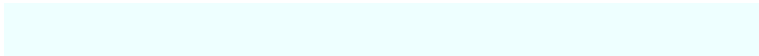
98, 6.230, 324.610

Rectangle

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



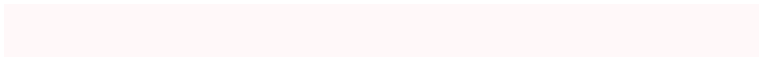
99, 6.207, 144.269



99, 6.207, 194.269



99, 6.207, 324.269



99, 6.207, 14.269

Sweetspot

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



99, 6.210, 144.269



100, 1.571, 144.584



100, 5.062, 109.784



53, 0.893, 144.597



0, 0.000, 0.000



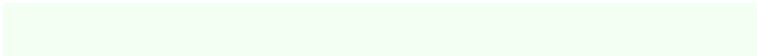
53, 0.007, 296.813

Same Dimension

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



99, 6.210, 144.269



99, 7.923, 144.195



99, 4.340, 163.440



53, 5.409, 144.148



68, 96.474, 136.016



22, 43.825, 136.777

Inverse Universe

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



98, 6.230, 324.610



97, 7.944, 324.680



97, 4.376, 343.863



51, 5.422, 324.724



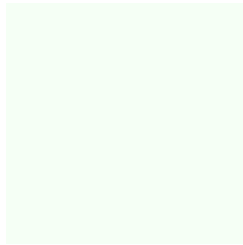
45, 93.081, 328.234



12, 42.822, 328.234

Previews

White Background



This preview shows how the CIELCh color 99, 6.207, 144.269 looks on a white background.

Color Contrast Check

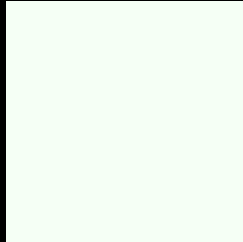
Large Text (above 18pt) WCAG AA × Fail

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, 6.207, 144.269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

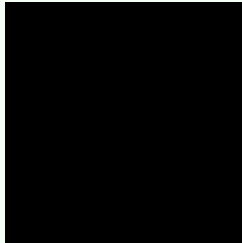
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 6.207, 144.269

Background



This preview shows how black text looks on a background with the CIELCh color 99, 6.207, 144.269.

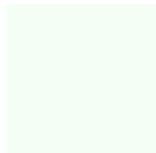


This preview shows how white text looks on a background with the CIELCh color 99, 6.207, 144.269.

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, 6.207, 144.269



Protanopia

99, 2.059, 66.765

Deuteranopia

99, 1.406, 19.030

Tritanopia
99, 1.537, 290.342

Trichromacy



Original Color

99, 6.207, 144.269

Protanomaly

99, 2.559, 117.865

Deuteranomaly

99, 1.558, 123.031

Tritanomaly

99, 1.732, 163.801

Monochromacy



Original Color

99, 6.207, 144.269



Achromatopsia

99, 0.012, 296.813

Achromatomaly

99, 1.855, 144.541

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 6.207, 144.269 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(245, 255, 245)` looks like.

```
.text, #text, p{  
    color:rgb(245, 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(245, 255, 245) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 99, 6.207, 144.269 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(245, 255, 245) }
```

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

```
.border{ border-color:rgb(245, 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(245, 255, 245)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 99, 6.207, 144.269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 255, 245) }
```

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

```
.background{ background-color: rgb(245,  
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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