

Converting Colors

CIELCh(99, 9.362, 142.837)

Have a look what the booklet for
CIELCh(99, 9.362, 142.837) contains.

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Color

CIELCh(99, 8.505, 142.257)

Conversions

Conversions Part 1

Format	Color
Hex	F3FFF2
RGB	243, 255, 242
RGB Percent	95%, 100%, 95%
CMY	0.0479, 0.0000, 0.0518
CMYK	0.05, 0.00, 0.05, 0.00
HSL	115°, 100%, 97%
HSV	115°, 5%, 100%
XYZ	88.8914, 97.4360, 97.9519
YIQ	249.9300, -2.9790, -6.5870

Conversions

Conversions Part 2

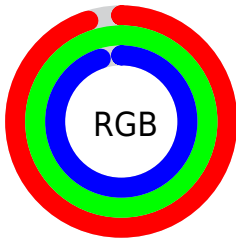
Format	Color
R_{YB}	242, 255, 254
Decimal	15990770
CIE _{Lab}	99.00, -6.73, 5.21
CIE _{LCh}	99, 8.505, 142.257
Yxy	97.4360, 0.3127, 0.3427
Android (android.graphics.Color)	4294180850 (0xFFFF3FFF2)
YUV	249.9300, -3.9095, -6.0776
Hunter-Lab	98.7097, -11.9967, 10.2619

Details

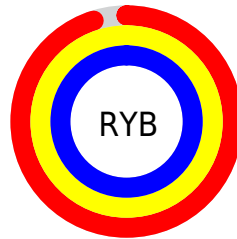
The CIELCh color 99, 8.505, 142.257 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97, 8.045, 322.617, and the grayscale version is 98, 0.011, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 7.620, 141.902 is the 20% darker color. If you saturate the color by 10%, you get 97, 23.637, 141.548, and if you desaturate by 10%, it is 100, 0.012, 296.813.

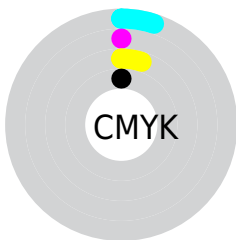
Distribution



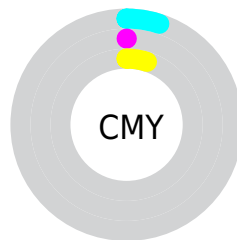
- Red (95%)
- Green (100%)
- Blue (95%)



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



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



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 8.505, 142.257 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, 8.505, 142.257 by changing the saturation by 10% instead.

 99, 8.505, 142.257

 99, 8.505, 142.257

 100, 8.505,
142.257

 89, 8.505, 142.257

 79, 8.505, 142.257

 69, 8.505, 142.257

 59, 8.505, 142.257

 49, 8.505, 142.257

 39, 8.505, 142.257

 29, 8.505, 142.257

 19, 8.505, 142.257

 9, 8.505, 142.257

99, 8.505, 142.257

99, 8.505, 142.257

97, 23.637,
141.548

100, 0.012,
296.813

95, 39.282,
140.861

93, 54.714,
140.077

92, 69.610,
139.203

90, 83.553,
138.271

89, 96.007,
137.345

89, 106.335,
136.536

88, 113.878,
135.984

■ 88, 118.223,
135.798

Harmonies

Complementary

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



99, 8.505, 142.257



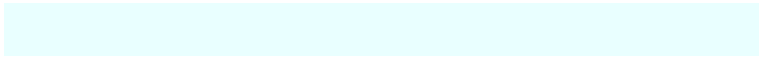
97, 8.045, 322.617

Rectangle

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



99, 8.505, 142.257



99, 8.505, 192.257



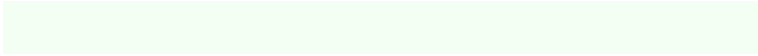
99, 8.505, 322.257



99, 8.505, 12.257

Sweetspot

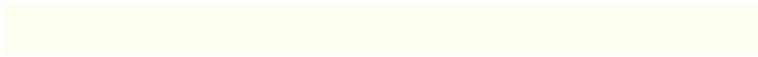
The Sweet Spot groups the original color and five complimentary colors.



99, 8.018, 142.159



100, 3.079, 142.385



99, 6.146, 106.045



53, 1.750, 142.395



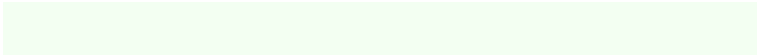
0, 0.000, 0.000



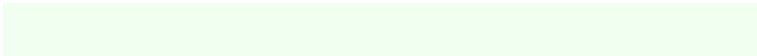
53, 0.007, 296.813

Same Dimension

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



99, 8.018, 142.159



99, 9.286, 142.109



99, 6.094, 159.095



52, 6.163, 142.070



68, 96.061, 135.703



23, 43.210, 135.732

Inverse Universe

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



97, 8.045, 322.617



96, 9.316, 322.663



97, 6.136, 339.743



51, 6.182, 322.699



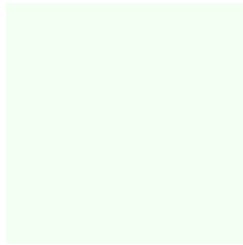
43, 93.508, 325.273



11, 42.987, 325.623

Previews

White Background



This preview shows how the CIELCh color 99, 8.505, 142.257 looks on a white background.

Color Contrast Check

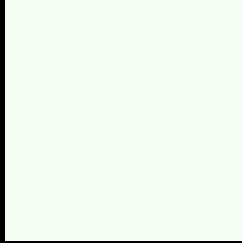
Large Text (above 18pt) WCAG AA × Fail

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, 8.505, 142.257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

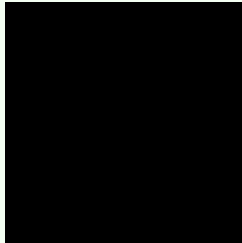
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

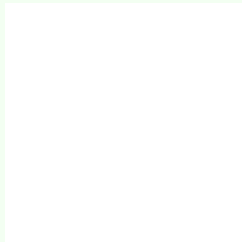
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 99, 8.505, 142.257

Background



This preview shows how black text looks on a background with the CIELCh color 99, 8.505, 142.257.

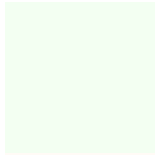


This preview shows how white text looks on a background with the CIELCh color 99, 8.505, 142.257.

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, 7.881, 142.131

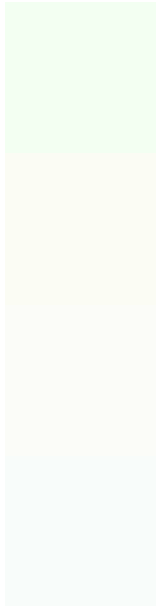


Protanopia
99, 2.888, 80.608

Deuteranopia
99, 1.838, 3.095

Tritanopia
99, 2.047, 290.368

Trichromacy



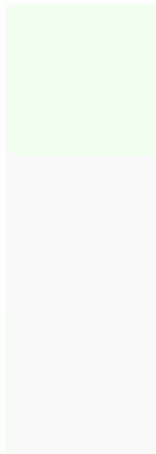
Original Color
99, 7.881, 142.131

Protanomaly
99, 4.075, 114.834

Deuteranomaly
99, 2.057, 119.829

Tritanomaly
99, 1.733, 163.799

Monochromacy



Original Color
99, 7.881, 142.131

Achromatopsia
98, 0.011, 296.813

Achromatomaly
98, 3.100, 144.430

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 8.505, 142.257 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, 242)` looks like.

```
.text, #text, p{  
    color:rgb(243, 255, 242)  
}
```

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, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 255, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 8.505, 142.257 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, 242) }
```

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

```
.border{ border-color:rgb(243, 255, 242) }
```

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, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 255, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 255, 242);  
box-shadow:4px 4px 4px 4px rgb(243, 255,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 8.505, 142.257 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, 242) }
```

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

```
.background{ background-color: rgb(243,  
255, 242) }
```

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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