

Converting Colors

CIELCh(100, 9.446, 133.080)

Have a look what the booklet for
CIELCh(100, 9.446, 133.080)
contains.

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Color

CIELCh(99, 7.542, 128.846)

Conversions

Conversions Part 1

Format	Color
Hex	F8FFF1
RGB	248, 255, 241
RGB Percent	97%, 100%, 95%
CMY	0.0292, 0.0017, 0.0566
CMYK	0.03, 0.00, 0.05, 0.00
HSL	90°, 94%, 97%
HSV	90°, 5%, 100%
XYZ	89.9838, 97.4360, 96.9389
YIQ	251.3110, 0.3220, -5.8380

Conversions

Conversions Part 2

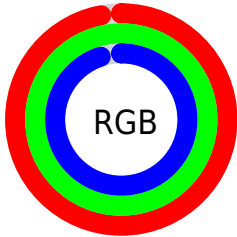
Format	Color
R _Y B	241, 255, 248
Decimal	16318449
CIE Lab	99.00, -4.73, 5.87
CIE LCh	99, 7.542, 128.846
Yxy	97.4360, 0.3164, 0.3427
Android (android.graphics.Color)	4294508529 (0xFFFF8FFF1)
YUV	251.3110, -5.0833, -2.9037
Hunter-Lab	98.7097, -10.0213, 10.8704

Details

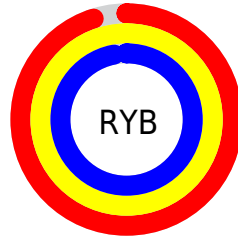
The CIELCh color 99, 7.542, 128.846 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 96, 7.619, 309.300, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 7.286, 127.432 is the 20% darker color. If you saturate the color by 10%, you get 98, 21.314, 128.376, and if you desaturate by 10%, it is 100, 0.283, 323.357.

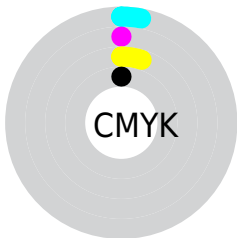
Distribution



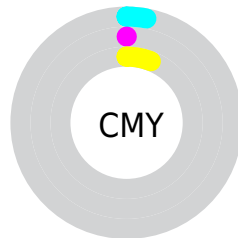
- Red (97%)
- Green (100%)
- Blue (95%)



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



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



- Cyan (3%)
- Magenta (0%)
- Yellow (6%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 7.542, 128.846 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, 7.542, 128.846 by changing the saturation by 10% instead.

 99, 7.542, 128.846

 99, 7.542, 128.846

 100, 7.542,
128.846

 89, 7.542, 128.846

 79, 7.542, 128.846

 69, 7.542, 128.846

 59, 7.542, 128.846

 49, 7.542, 128.846

 39, 7.542, 128.846

 29, 7.542, 128.846

 19, 7.542, 128.846

 9, 7.542, 128.846

99, 7.542, 128.846

99, 7.542, 128.846

98, 21.314,
128.376

100, 0.283,
323.357

96, 35.037,
127.887

95, 48.575,
127.396


94, 61.729,
126.933

93, 74.210,
126.550

92, 85.601,
126.331

91, 95.354,
126.388

91, 102.864,
126.856

 90, 107.747,
127.829

Harmonies

Complementary

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



99, 7.542, 128.846



96, 7.619, 309.300

Rectangle

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



99, 7.542, 128.846



99, 7.542, 178.846



99, 7.542, 308.846



99, 7.542, 358.846

Sweetspot

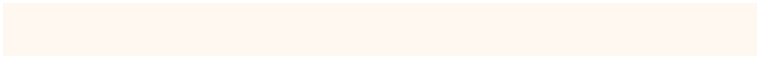
The Sweet Spot groups the original color and five complimentary colors.



99, 7.545, 128.852



100, 2.738, 129.040



98, 4.328, 74.646



53, 1.556, 129.047



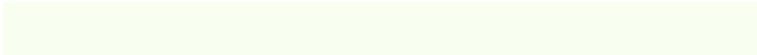
0, 0.000, 0.000



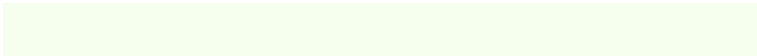
53, 0.007, 296.813

Same Dimension

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



99, 7.545, 128.852



99, 9.623, 128.780



99, 8.706, 144.161



53, 6.254, 128.752



69, 87.905, 128.090



23, 39.106, 126.540

Inverse Universe

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



96, 7.619, 309.300



95, 9.731, 309.373



96, 8.727, 324.710



50, 6.328, 309.402



30, 100.528, 311.874



6, 44.900, 312.883

Previews

White Background



This preview shows how the CIE LCh color 99, 7.542, 128.846 looks on a white background.

Color Contrast Check

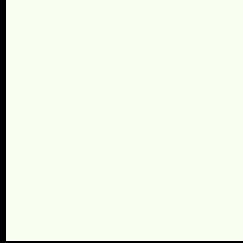
Large Text (above 18pt) WCAG AA × Fail

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, 7.542, 128.846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

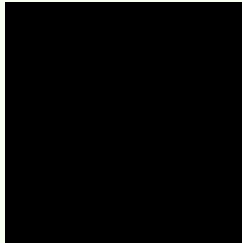
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 7.542, 128.846

Background



This preview shows how black text looks on a background with the CIELCh color 99, 7.542, 128.846.



This preview shows how white text looks on a background with the CIELCh color 99, 7.542, 128.846.

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

A vertical bar on the left side of the page is divided into three colored sections: a light green top section, a light orange middle section, and a light pink bottom section. These sections correspond to the 'Original Color', 'Protanopia', and 'Deuteranopia' labels respectively.

Original Color

99, 7.542, 128.846

Protanopia

99, 2.732, 87.135

Deuteranopia

99, 1.406, 19.030

Tritanopia
99, 1.537, 290.342

Trichromacy



Original Color

99, 7.542, 128.846

Protanomaly

99, 4.072, 114.835

Deuteranomaly

99, 2.530, 109.957

Tritanomaly

99, 1.853, 144.542

Monochromacy



Original Color

99, 7.542, 128.846

Achromatopsia

99, 0.012, 296.813

Achromatomaly

99, 2.635, 125.443

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 7.542, 128.846 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(248, 255, 241)` looks like.

```
.text, #text, p{  
    color:rgb(248, 255, 241)  
}
```

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(248, 255, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 255, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 7.542, 128.846 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(248, 255, 241) }
```

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

```
.border{ border-color:rgb(248, 255, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 255, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 255, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 255, 241);  
box-shadow:4px 4px 4px 4px rgb(248, 255,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 7.542, 128.846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 255, 241) }
```

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

```
.background{ background-color: rgb(248,  
255, 241) }
```

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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