

Converting Colors

CIELCh(99, 5.320, 132.361)

Have a look what the booklet for
CIELCh(99, 5.320, 132.361) contains.

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Color

CIELCh(99, 5.517, 132.353)

Conversions

Conversions Part 1

Format	Color
Hex	F8FEF4
RGB	248, 254, 244
RGB Percent	97%, 100%, 96%
CMY	0.0272, 0.0036, 0.0428
CMYK	0.02, 0.00, 0.04, 0.00
HSL	96°, 84%, 98%
HSV	96°, 4%, 100%
XYZ	90.5424, 97.4360, 99.6803
YIQ	251.0660, -0.3660, -4.3820

Conversions

Conversions Part 2

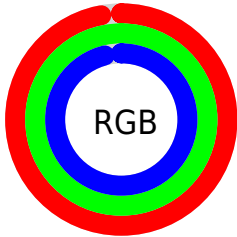
Format	Color
R_{YB}	244, 254, 250
Decimal	16318196
CIE Lab	99.00, -3.72, 4.08
CIE LCh	99, 5.517, 132.353
Yxy	97.4360, 0.3148, 0.3387
Android (android.graphics.Color)	4294508276 (0xFF8FEF4)
YUV	251.0660, -3.4835, -2.6889
Hunter-Lab	98.7097, -9.0112, 9.2238

Details

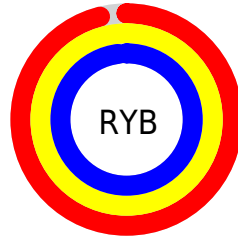
The CIELCh color 99, 5.517, 132.353 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97, 5.563, 312.621, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 5.153, 130.822 is the 20% darker color. If you saturate the color by 10%, you get 97, 19.623, 131.893, and if you desaturate by 10%, it is 100, 0.581, 323.929.

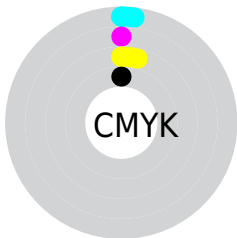
Distribution



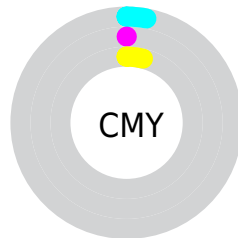
- Red (97%)
- Green (100%)
- Blue (96%)



- Red (96%)
- Yellow (100%)
- Blue (98%)



- Cyan (2%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)





- Cyan (3%)
- Magenta (0%)
- Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 99, 5.517, 132.353 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, 5.517, 132.353 by changing the saturation by 10% instead.


 99, 5.517, 132.353

 99, 5.517, 132.353


 100, 5.517,
132.353


 89, 5.517, 132.353

 79, 5.517, 132.353

 69, 5.517, 132.353

 59, 5.517, 132.353

 49, 5.517, 132.353

 39, 5.517, 132.353

 29, 5.517, 132.353

 19, 5.517, 132.353

 9, 5.517, 132.353

99, 5.517, 132.353

99, 5.517, 132.353

97, 19.623,
131.893

100, 0.581,
323.929

96, 33.727,
131.410

94, 47.689,
130.908

93, 61.309,
130.411

92, 74.298,
129.966

91, 86.251,
129.648

90, 96.624,
129.568

90, 104.798,
129.860

■ 89,110.312,
130.629

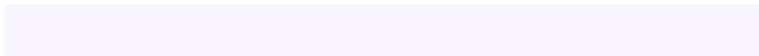
Harmonies

Complementary

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



99, 5.517, 132.353



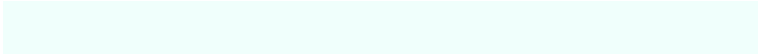
97, 5.563, 312.621

Rectangle

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



99, 5.517, 132.353



99, 5.517, 182.353



99, 5.517, 312.353



99, 5.517, 2.353

Sweetspot

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



99, 5.520, 132.359



100, 1.396, 132.579



98, 3.345, 84.818



53, 0.793, 132.588



0, 0.000, 0.000



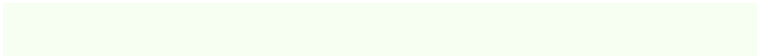
53, 0.007, 296.813

Same Dimension

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



99, 5.520, 132.359



99, 7.035, 132.307



99, 5.800, 147.097



53, 4.802, 132.274



69, 90.632, 131.009



23, 40.250, 129.618

Inverse Universe

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



97, 5.563, 312.621



96, 7.091, 312.673



97, 5.821, 327.443



51, 4.841, 312.706



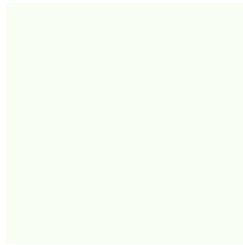
33, 98.398, 314.388



7, 44.664, 315.673

Previews

White Background



This preview shows how the CIE LCh color 99, 5.517, 132.353 looks on a white background.

Color Contrast Check

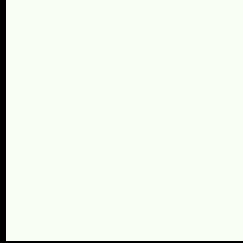
Large Text (above 18pt) WCAG AA × Fail

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, 5.517, 132.353 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, 5.517, 132.353

Background



This preview shows how black text looks on a background with the CIELCh color 99, 5.517, 132.353.



This preview shows how white text looks on a background with the CIELCh color 99, 5.517, 132.353.

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 yellow bottom section. These sections correspond to the 'Original Color', 'Protanopia', and 'Deuteranopia' labels respectively.

Original Color

99, 5.517, 132.353

Protanopia

99, 2.272, 82.227

Deuteranopia

99, 1.406, 19.030

Tritanopia
99, 1.537, 290.342

Trichromacy



Original Color

99, 5.517, 132.353

Protanomaly

99, 3.061, 116.535

Deuteranomaly

99, 2.022, 109.988

Tritanomaly

99, 1.232, 144.648

Monochromacy



Original Color

99, 5.517, 132.353



Achromatopsia

99, 0.012, 296.813

Achromatomaly

99, 2.149, 129.065

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 5.517, 132.353 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, 254, 244)` looks like.

```
.text, #text, p{  
    color:rgb(248, 254, 244)  
}
```

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, 254, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 254, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 5.517, 132.353 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, 254, 244) }
```

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

```
.border{ border-color:rgb(248, 254, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 254, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 254, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 254, 244);  
box-shadow:4px 4px 4px 4px rgb(248, 254,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 5.517, 132.353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 254, 244) }
```

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

```
.background{ background-color: rgb(248,  
254, 244) }
```

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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