

Converting Colors

CIE LCh(99, 6.128, 116.366)

Have a look what the booklet for
CIELCh(99, 6.128, 116.366) contains.

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Color

CIELCh(99, 6.133, 116.364)

Conversions

Conversions Part 1

Format	Color
Hex	FBFDF1
RGB	251, 253, 241
RGB Percent	98%, 99%, 95%
CMY	0.0142, 0.0064, 0.0535
CMYK	0.01, 0.00, 0.05, 0.01
HSL	70°, 79%, 97%
HSV	70°, 5%, 99%
XYZ	91.0919, 97.4360, 97.5127
YIQ	251.0340, 2.6600, -4.1560

Conversions

Conversions Part 2

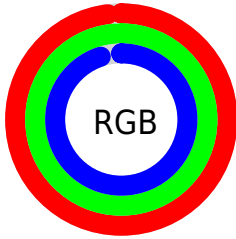
Format	Color
R _Y B	241, 253, 243
Decimal	16514545
CIE Lab	99.00, -2.72, 5.50
CIE LCh	99, 6.133, 116.364
Yxy	97.4360, 0.3185, 0.3406
Android (android.graphics.Color)	4294704625 (0xFFFBDF1)
YUV	251.0340, -4.9468, -0.0298
Hunter-Lab	98.7097, -8.0175, 10.5258

Details

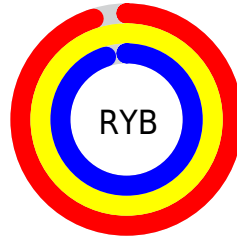
The CIELCh color 99, 6.133, 116.364 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 96, 6.217, 297.068, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 5.908, 116.906 is the 20% darker color. If you saturate the color by 10%, you get 98, 19.068, 115.645, and if you desaturate by 10%, it is 100, 1.016, 324.173.

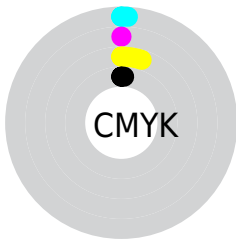
Distribution



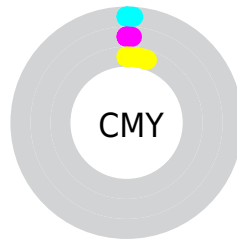
- Red (98%)
- Green (99%)
- Blue (95%)



- Red (95%)
- Yellow (99%)
- Blue (95%)



- Cyan (1%)
- Magenta (0%)
- Yellow (5%)
- Black (1%)




- Cyan (1%)
- Magenta (1%)
- Yellow (5%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 6.133, 116.364 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, 6.133, 116.364 by changing the saturation by 10% instead.

 99, 6.133, 116.364

 99, 6.133, 116.364


 100, 6.133,
116.364

 89, 6.133, 116.364

 79, 6.133, 116.364

 69, 6.133, 116.364

 59, 6.133, 116.364

 49, 6.133, 116.364

 39, 6.133, 116.364

 29, 6.133, 116.364

 19, 6.133, 116.364

 9, 6.133, 116.364

99, 6.133, 116.364

99, 6.133, 116.364

98, 19.068,
115.645

100, 1.016,
324.173

97, 31.880,
114.905

97, 44.452,
114.177


96, 56.601,
113.491

95, 68.051,
112.887

95, 78.393,
112.425

94, 87.073,
112.183

94, 93.478,
112.249

 94, 97.205,
112.692

Harmonies

Complementary

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



99, 6.133, 116.364



96, 6.217, 297.068

Rectangle

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



99, 6.133, 116.364



99, 6.133, 166.364



99, 6.133, 296.364



99, 6.133, 346.364

Sweetspot

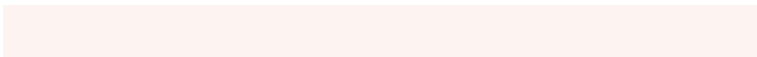
The Sweet Spot groups the original color and five complimentary colors.



99, 6.135, 116.377



100, 1.292, 116.645



97, 3.696, 35.484



53, 0.734, 116.649



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, 6.135, 116.377



99, 7.810, 116.285



99, 6.750, 134.502



53, 5.180, 116.238



73, 79.526, 112.886



25, 35.978, 112.030

Inverse Universe

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



96, 6.217, 297.068



95, 7.928, 297.165



96, 6.796, 314.836



50, 5.265, 297.217



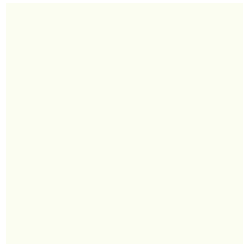
24, 106.590, 306.988



4, 44.493, 304.925

Previews

White Background



This preview shows how the CIE LCh color 99, 6.133, 116.364 looks on a white background.

Color Contrast Check

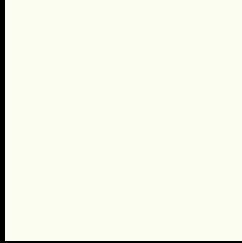
Large Text (above 18pt) WCAG AA × Fail

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, 6.133, 116.364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

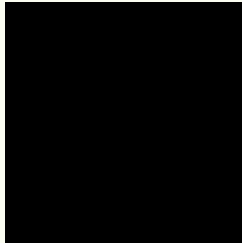
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 6.133, 116.364

Background



This preview shows how black text looks on a background with the CIELCh color 99, 6.133, 116.364.



This preview shows how white text looks on a background with the CIELCh color 99, 6.133, 116.364.

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



The image shows three vertical color swatches. The top swatch is a light yellow-green, representing the 'Original Color'. The middle swatch is a light orange, representing 'Protanopia'. The bottom swatch is a light pink, representing 'Deuteranopia'. To the right of each swatch is its corresponding label and a list of three numerical values.

Original Color

99, 6.133, 116.364

Protanopia

99, 2.732, 87.135

Deuteranopia

99, 1.406, 19.030

Tritanopia
99, 1.581, 303.066

Trichromacy



Original Color

99, 6.133, 116.364

Protanomaly

99, 4.063, 104.855

Deuteranomaly

99, 2.619, 94.320

Tritanomaly

99, 1.557, 123.031

Monochromacy



Original Color

99, 6.133, 116.364

Achromatopsia

99, 0.012, 296.813

Achromatomaly

99, 2.559, 117.865

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 6.133, 116.364 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(251, 253, 241)` looks like.

```
.text, #text, p{  
    color:rgb(251, 253, 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(251, 253, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 253, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 6.133, 116.364 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(251, 253, 241) }
```

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

```
.border{ border-color:rgb(251, 253, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 253, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 253, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 253, 241);  
box-shadow:4px 4px 4px 4px rgb(251, 253,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 6.133, 116.364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 253, 241) }
```

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

```
.background{ background-color: rgb(251,  
253, 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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