

Converting Colors

CIELCh(99, 17.516, 110.931)

Have a look what the booklet for
CIELCh(99, 17.516, 110.931)
contains.

CIELCh(99, 17.722, 111.213)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIElCh(99, 17.722, 111.213)

Conversions

Conversions Part 1

Format	Color
Hex	FDFFD0
RGB	253, 255, 220
RGB Percent	99%, 100%, 86%
CMY	0.0084, 0.0006, 0.1378
CMYK	0.01, 0.00, 0.14, 0.00
HSL	63°, 99%, 93%
HSV	63°, 14%, 100%
XYZ	89.0622, 97.4360, 81.7197
YIQ	250.4120, 10.0430, -11.3090

Conversions

Conversions Part 2

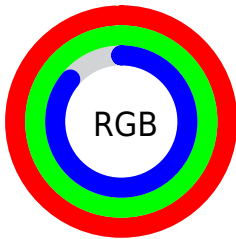
Format	Color
R _Y B	220, 255, 222
Decimal	16646108
CIE Lab	99.00, -6.41, 16.52
CIE LCh	99, 17.722, 111.213
Yxy	97.4360, 0.3321, 0.3633
Android (android.graphics.Color)	4294836188 (0xFFFDFFDC)
YUV	250.4120, -14.9931, 2.2697
Hunter-Lab	98.7097, -11.6879, 20.0118

Details

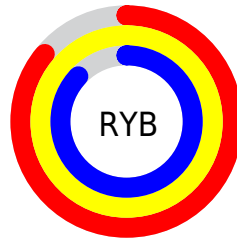
The CIELCh color **99, 17.722, 111.213** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **89, 18.293, 293.773**, and the grayscale version is **98, 0.012, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **79, 17.512, 111.117** is the 20% darker color. If you saturate the color by 10%, you get **98, 30.508, 110.328**, and if you desaturate by 10%, it is **100, 4.821, 112.097**.

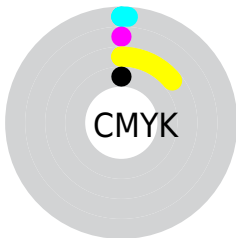
Distribution



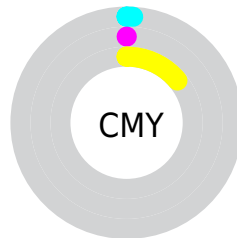
- Red (99%)
- Green (100%)
- Blue (86%)



- Red (86%)
- Yellow (100%)
- Blue (87%)



- Cyan (1%)
- Magenta (0%)
- Yellow (14%)
- Black (0%)




- Cyan (1%)
- Magenta (0%)
- Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 99, 17.722, 111.213 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, 17.722, 111.213 by changing the saturation by 10% instead.


 99, 17.722,
111.213


 99, 17.722,
111.213

 100, 17.722,
111.213


 89, 17.722,
111.213

 79, 17.722,
111.213

 69, 17.722,
111.213

 59, 17.722,
111.213

 49, 17.722,
111.213

 39, 17.722,
111.213

 29, 17.722,

111.213

■ 19, 17.722,
111.213

■ 9, 17.722, 111.213

■ 99, 17.722,
111.213

■ 99, 17.722,
111.213

■ 98, 30.508,
110.328

■ 100, 4.821,
112.097

■ 98, 43.059,
109.446

100, 0.101,
321.380

■ 97, 55.198,
108.599

■ 97, 66.654,
107.820

■ 97, 77.020,
107.151

■ 96, 85.742,
106.647

■ 96, 92.196,
106.366

■ 96, 95.940,
106.349

■ 96, 97.121,
106.453

Harmonies

Complementary

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



99, 17.722, 111.213



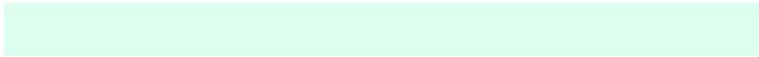
89, 18.293, 293.773

Rectangle

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



99, 17.722, 111.213



99, 17.722, 161.213



99, 17.722, 291.213



99, 17.722, 341.213

Sweetspot

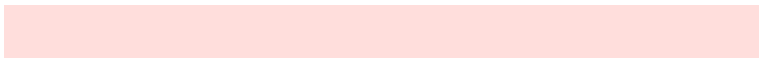
The Sweet Spot groups the original color and five complimentary colors.



99, 17.724, 111.219



100, 5.168, 112.074



91, 12.294, 24.420



53, 3.673, 112.009



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, 17.724, 111.219



99, 20.645, 111.017



98, 19.132, 130.200



53, 7.347, 111.594



74, 78.253, 106.392



26, 35.567, 106.161

Inverse Universe

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



89, 18.293, 293.773



87, 21.420, 294.024



90, 19.459, 311.394



49, 7.513, 293.330



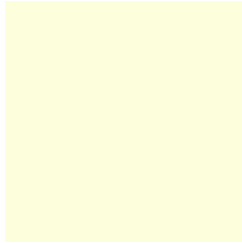
23, 107.495, 306.449



4, 44.265, 302.905

Previews

White Background



This preview shows how the CIE LCh color 99, 17.722, 111.213 looks on a white background.

Color Contrast Check

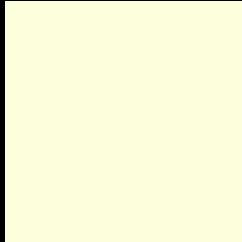
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 99, 17.722, 111.213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

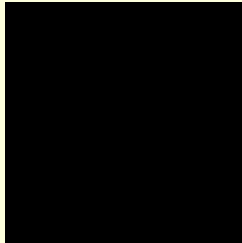
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 17.722, 111.213

Background



This preview shows how black text looks on a background with the CIELCh color 99, 17.722, 111.213.



This preview shows how white text looks on a background with the CIELCh color 99, 17.722, 111.213.

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, 17.722, 111.213



Protanopia
99, 3.691, 93.151

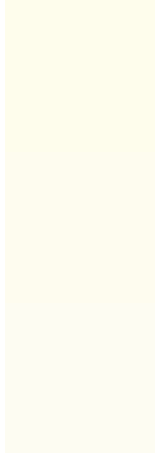
Deuteranopia
99, 1.487, 38.999

Tritanopia
99, 2.171, 309.072

Trichromacy



Original Color
99, 17.722, 111.213

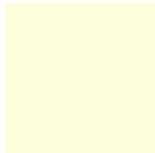


Protanomaly
99, 8.622, 107.133

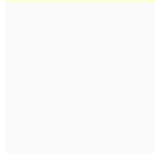
Deuteranomaly
99, 6.625, 103.475

Tritanomaly
99, 5.079, 105.767

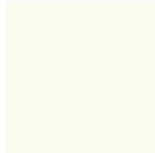
Monochromacy



Original Color
99, 17.722, 111.213



Achromatopsia
98, 0.011, 296.813



Achromatomaly
99, 6.609, 112.761

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 17.722, 111.213 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(253, 255, 220)` looks like.

```
.text, #text, p{  
    color:rgb(253, 255, 220)  
}
```

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(253, 255, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 255, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 17.722, 111.213 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(253, 255, 220) }
```

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

```
.border{ border-color:rgb(253, 255, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 255, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 255, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 255, 220);  
box-shadow:4px 4px 4px 4px rgb(253, 255,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 17.722, 111.213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 255, 220) }
```

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

```
.background{ background-color: rgb(253,  
255, 220) }
```

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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