

Converting Colors

CIELCh(99, 15.521, 112.440)

Have a look what the booklet for
CIELCh(99, 15.521, 112.440)
contains.

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Color

CIELCh(99, 15.732, 112.980)

Conversions

Conversions Part 1

Format	Color
Hex	FCFFE0
RGB	252, 255, 224
RGB Percent	99%, 100%, 88%
CMY	0.0125, 0.0007, 0.1223
CMYK	0.01, 0.00, 0.12, 0.00
HSL	66°, 99%, 94%
HSV	66°, 12%, 100%
XYZ	89.2100, 97.4360, 84.4991
YIQ	250.5690, 8.1630, -10.2770

Conversions

Conversions Part 2

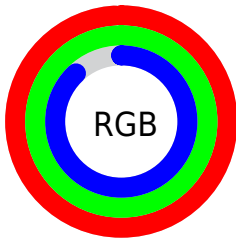
Format	Color
RYB	224, 255, 227
Decimal	16580576
CIELab	99.00, -6.14, 14.48
CIElCh	99, 15.732, 112.980
Yxy	97.4360, 0.3290, 0.3594
Android (android.graphics.Color)	4294770656 (0xFFFCFFE0)
YUV	250.5690, -13.0985, 1.2550
Hunter-Lab	98.7097, -11.4206, 18.3424

Details

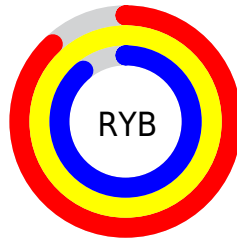
The CIELCh color **99, 15.732, 112.980** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **90, 16.178, 295.077**, and the grayscale version is **98, 0.012, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **79, 15.433, 113.066** is the 20% darker color. If you saturate the color by 10%, you get **98, 28.569, 112.153**, and if you desaturate by 10%, it is **100, 2.796, 113.801**.

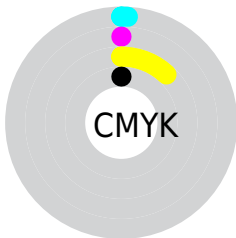
Distribution



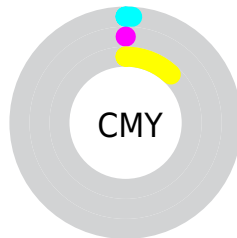
- Red (99%)
- Green (100%)
- Blue (88%)



- Red (88%)
- Yellow (100%)
- Blue (89%)



- Cyan (1%)
- Magenta (0%)
- Yellow (12%)
- Black (0%)





- Cyan (1%)
- Magenta (0%)
- Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 99, 15.732, 112.980 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, 15.732, 112.980 by changing the saturation by 10% instead.


 99, 15.732,
112.980


 99, 15.732,
112.980


 100, 15.732,
112.980


 89, 15.732,
112.980


 79, 15.732,
112.980

 69, 15.732,
112.980

 59, 15.732,
112.980

 49, 15.732,
112.980

 39, 15.732,
112.980

 29, 15.732,

112.980

■ 19, 15.732,
112.980

■ 9, 15.732, 112.980

■ 99, 15.732,
112.980

■ 99, 15.732,
112.980

■ 98, 28.569,
112.153

■ 100, 2.796,
113.801

■ 98, 41.191,
111.326

■ 100, 0.120,
321.874

■ 97, 53.438,
110.530

■ 97, 65.055,
109.799

■ 96, 75.662,
109.180

■ 96, 84.731,
108.733

■ 96, 91.639,
108.528

■ 95, 95.889,
108.624

■ 95, 97.536,
108.894

Harmonies

Complementary

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



99, 15.732, 112.980



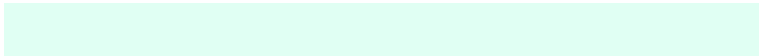
90, 16.178, 295.077

Rectangle

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



99, 15.732, 112.980



99, 15.732, 162.980



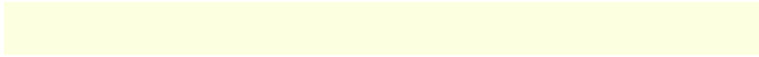
99, 15.732, 292.980



99, 15.732, 342.980

Sweetspot

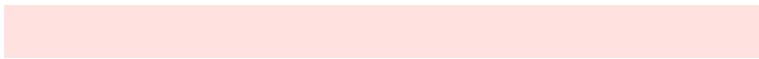
The Sweet Spot groups the original color and five complimentary colors.



99, 15.734, 112.986



100, 5.177, 113.656



92, 10.496, 27.320



53, 3.680, 113.596



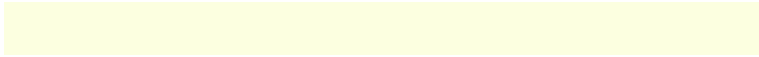
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



99, 15.734, 112.986



99, 19.398, 112.750



98, 17.084, 131.409



53, 7.361, 113.206



74, 78.584, 108.793



25, 35.667, 108.320

Inverse Universe

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



90, 16.178, 295.077



88, 20.072, 295.361



91, 17.325, 312.439



49, 7.526, 294.821



23, 107.246, 306.594



4, 44.353, 303.660

Previews

White Background



This preview shows how the CIELCh color 99, 15.732, 112.980 looks on a white background.

Color Contrast Check

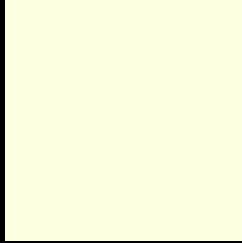
Large Text (above 18pt) WCAG AA × Fail

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, 15.732, 112.980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

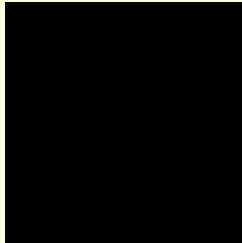
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 15.732, 112.980

Background



This preview shows how black text looks on a background with the CIELCh color 99, 15.732, 112.980.



This preview shows how white text looks on a background with the CIELCh color 99, 15.732, 112.980.

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, 15.732, 112.980

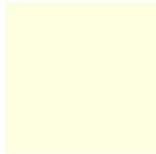


Protanopia
99, 3.691, 93.151

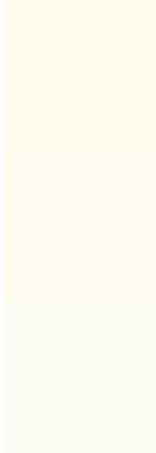
Deuteranopia
99, 1.487, 38.999

Tritanopia
99, 2.171, 309.072

Trichromacy



Original Color
99, 15.732, 112.980



Protanomaly
99, 8.115, 107.026

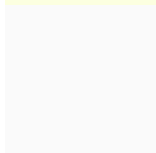
Deuteranomaly
99, 6.120, 103.010

Tritanomaly
99, 4.066, 104.854

Monochromacy



Original Color
99, 15.732, 112.980



Achromatopsia
98, 0.011, 296.813



Achromatomaly
99, 6.102, 113.051

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 15.732, 112.980 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(252, 255, 224)` looks like.

```
.text, #text, p{  
    color:rgb(252, 255, 224)  
}
```

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(252, 255, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 255, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 15.732, 112.980 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(252, 255, 224) }
```

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

```
.border{ border-color:rgb(252, 255, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 255, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 255, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 255, 224);  
box-shadow:4px 4px 4px 4px rgb(252, 255,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 15.732, 112.980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 255, 224) }
```

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

```
.background{ background-color: rgb(252,  
255, 224) }
```

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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