

Converting Colors

CIE LCh(99, 7.201, 132.808)

Have a look what the booklet for
CIELCh(99, 7.201, 132.808) contains.

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Color

CIELCh(99, 7.201, 132.808)

Conversions

Conversions Part 1

Format	Color
Hex	F7FFF2
RGB	247, 255, 242
RGB Percent	97%, 100%, 95%
CMY	0.0326, 0.0012, 0.0522
CMYK	0.03, 0.00, 0.05, 0.00
HSL	97°, 96%, 97%
HSV	97°, 5%, 100%
XYZ	89.8943, 97.4360, 97.8350
YIQ	251.1260, -0.5950, -5.7390

Conversions

Conversions Part 2

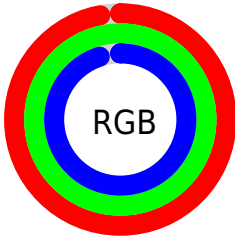
Format	Color
R _Y B	242, 255, 250
Decimal	16252914
CIE Lab	99.00, -4.89, 5.28
CIE LCh	99, 7.201, 132.808
Yxy	97.4360, 0.3152, 0.3417
Android (android.graphics.Color)	4294442994 (0xFFFF7FFF2)
YUV	251.1260, -4.4991, -3.6185
Hunter-Lab	98.7097, -10.1831, 10.3321

Details

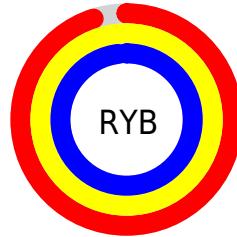
The CIELCh color 99, 7.201, 132.808 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 96, 7.260, 313.186, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 6.918, 131.695 is the 20% darker color. If you saturate the color by 10%, you get 97, 21.401, 132.347, and if you desaturate by 10%, it is 100, 0.197, 322.873.

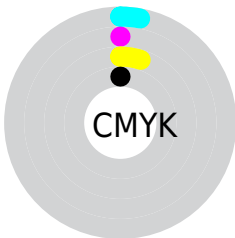
Distribution



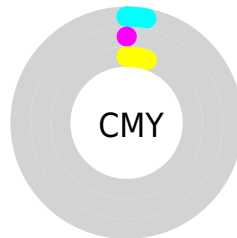
- Red (97%)
- Green (100%)
- Blue (95%)



- Red (95%)
- Yellow (100%)
- Blue (98%)



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



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 7.201, 132.808 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, 7.201, 132.808 by changing the saturation by 10% instead.

 99, 7.201, 132.808

 99, 7.201, 132.808

 100, 7.201,
132.808

 89, 7.201, 132.808

 79, 7.201, 132.808

 69, 7.201, 132.808

 59, 7.201, 132.808

 49, 7.201, 132.808

 39, 7.201, 132.808

 29, 7.201, 132.808

 19, 7.201, 132.808

 9, 7.201, 132.808

99, 7.201, 132.808

99, 7.201, 132.808

97, 21.401,
132.347

100, 0.197,
322.873

96, 35.588,
131.859

94, 49.615,
131.351

93, 63.269,
130.849

92, 76.246,
130.402

91, 88.120,
130.089

90, 98.330,
130.026

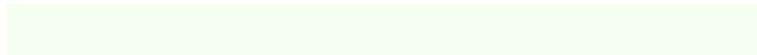
90, 106.254,
130.346

■ 89, 111.471,
131.143

Harmonies

Complementary

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



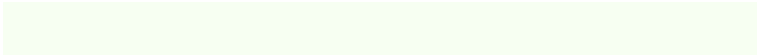
99, 7.201, 132.808



96, 7.260, 313.186

Rectangle

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



99, 7.201, 132.808



99, 7.201, 182.808



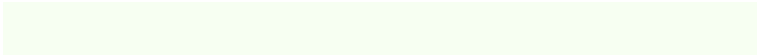
99, 7.201, 312.808



99, 7.201, 2.808

Sweetspot

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



99, 7.204, 132.813



100, 2.815, 132.984



98, 4.355, 84.693



53, 1.600, 132.991



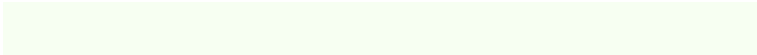
0, 0.000, 0.000



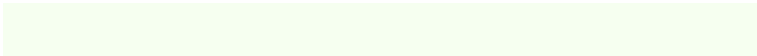
53, 0.007, 296.813

Same Dimension

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



99, 7.204, 132.813



99, 8.481, 132.771



99, 7.542, 147.012



53, 5.627, 132.740



69, 91.021, 131.390



23, 40.422, 130.035

Inverse Universe

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



96, 7.260, 313.186



96, 8.550, 313.228



97, 7.565, 327.524



51, 5.675, 313.258



33, 98.084, 314.814



7, 44.599, 316.106

Previews

White Background



This preview shows how the CIE LCh color 99, 7.201, 132.808 looks on a white background.

Color Contrast Check

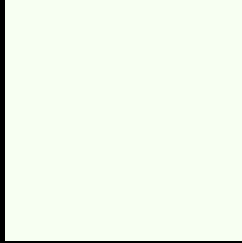
Large Text (above 18pt) WCAG AA × Fail

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, 7.201, 132.808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

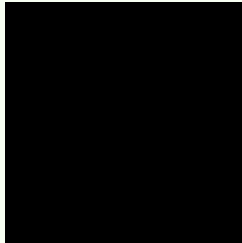
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 7.201, 132.808

Background



This preview shows how black text looks on a background with the CIELCh color 99, 7.201, 132.808.



This preview shows how white text looks on a background with the CIELCh color 99, 7.201, 132.808.

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, 7.201, 132.808



Protanopia

99, 2.732, 87.135

Deuteranopia

99, 1.406, 19.030

Tritanopia
99, 1.537, 290.342

Trichromacy



Original Color

99, 7.201, 132.808

Protanomaly

99, 4.072, 114.835

Deuteranomaly

99, 2.022, 109.988

Tritanomaly

99, 1.853, 144.542

Monochromacy



Original Color

99, 7.201, 132.808

Achromatopsia

99, 0.012, 296.813

Achromatomaly

99, 2.293, 137.328

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 7.201, 132.808 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(247, 255, 242)` looks like.

```
.text, #text, p{  
    color:rgb(247, 255, 242)  
}
```

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(247, 255, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 255, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 7.201, 132.808 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(247, 255, 242) }
```

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

```
.border{ border-color:rgb(247, 255, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 255, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 255, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 255, 242);  
box-shadow:4px 4px 4px 4px rgb(247, 255,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 7.201, 132.808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 255, 242) }
```

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

```
.background{ background-color: rgb(247,  
255, 242) }
```

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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