

Converting Colors

CIELCh(99, 9.406, 108.179)

Have a look what the booklet for
CIELCh(99, 9.406, 108.179) contains.

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Color

CIELCh(99, 9.128, 107.224)

Conversions

Conversions Part 1

Format	Color
Hex	FEFDEB
RGB	254, 253, 235
RGB Percent	100%, 99%, 92%
CMY	0.0034, 0.0073, 0.0779
CMYK	0.00, 0.00, 0.07, 0.00
HSL	57°, 92%, 96%
HSV	57°, 7%, 100%
XYZ	91.1033, 97.4360, 92.7024
YIQ	251.2470, 6.3740, -5.3860

Conversions

Conversions Part 2

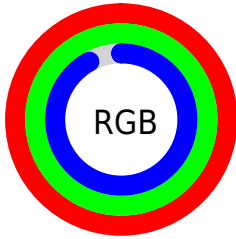
Format	Color
R_{YB}	236, 254, 235
Decimal	16711147
CIE Lab	99.00, -2.70, 8.72
CIE LCh	99, 9.128, 107.224
Yxy	97.4360, 0.3239, 0.3464
Android (android.graphics.Color)	4294901227 (0xFFFEFDEB)
YUV	251.2470, -8.0098, 2.4144
Hunter-Lab	98.7097, -7.9968, 13.4151

Details

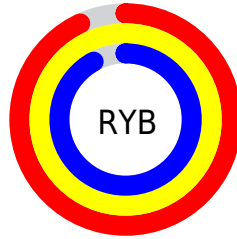
The CIELCh color 99, 9.128, 107.224 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 94, 9.283, 288.804, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 9.046, 106.940 is the 20% darker color. If you saturate the color by 10%, you get 98, 21.327, 106.217, and if you desaturate by 10%, it is 100, 0.302, 267.658.

Distribution



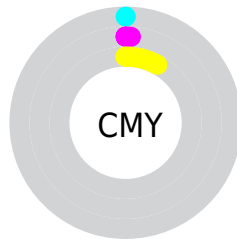
- Red (100%)
- Green (99%)
- Blue (92%)



- Red (93%)
- Yellow (100%)
- Blue (92%)



- Cyan (0%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)



- Cyan (0%)
- Magenta (1%)
- Yellow (8%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 9.128, 107.224 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, 9.128, 107.224 by changing the saturation by 10% instead.

 99, 9.128, 107.224

 99, 9.128, 107.224

 100, 9.128,
107.224

 89, 9.128, 107.224

 79, 9.128, 107.224

 69, 9.128, 107.224

 59, 9.128, 107.224

 49, 9.128, 107.224

 39, 9.128, 107.224

 29, 9.128, 107.224

 19, 9.128, 107.224

 9, 9.128, 107.224

99, 9.128, 107.224

99, 9.128, 107.224

98, 21.327,
106.217

100, 0.302,
267.658

97, 33.419,
105.185

100, 0.301,
201.592

97, 45.286,
104.158

96, 56.738,
103.158

95, 67.468,
102.208

95, 77.021,
101.337

94, 84.779,
100.577

94, 90.081, 99.951

Harmonies

Complementary

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



99, 9.128, 107.224



94, 9.283, 288.804

Rectangle

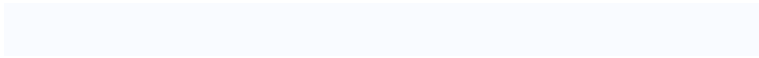
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



99, 9.128, 107.224



99, 9.128, 157.224



99, 9.128, 287.224



99, 9.128, 337.224

Sweetspot

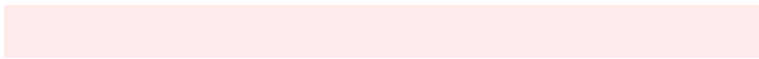
The Sweet Spot groups the original color and five complimentary colors.



99, 9.130, 107.236



100, 2.441, 107.758



95, 6.856, 14.362



53, 1.387, 107.766



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, 9.130, 107.236



99, 11.022, 107.082



99, 10.104, 126.364



53, 6.963, 107.031



72, 75.124, 99.413



25, 34.097, 100.026

Inverse Universe

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



94, 9.283, 288.804



93, 11.236, 288.977



94, 10.237, 307.056



49, 7.104, 289.035



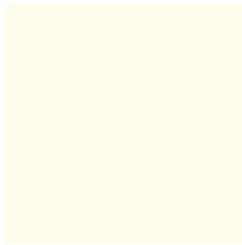
24, 105.450, 305.685



4, 42.464, 300.867

Previews

White Background



This preview shows how the CIE LCh color 99, 9.128, 107.224 looks on a white background.

Color Contrast Check

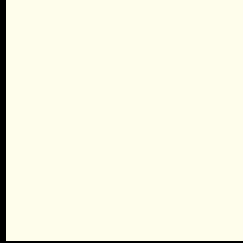
Large Text (above 18pt) WCAG AA × Fail

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, 9.128, 107.224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

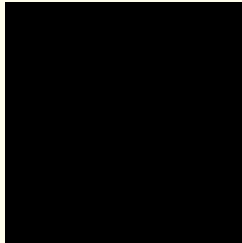
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 9.128, 107.224

Background



This preview shows how black text looks on a background with the CIELCh color 99, 9.128, 107.224.



This preview shows how white text looks on a background with the CIELCh color 99, 9.128, 107.224.

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, 9.128, 107.224



Protanopia

99, 3.207, 90.598

Deuteranopia

99, 1.406, 19.030

Tritanopia
99, 2.171, 309.072

Trichromacy



Original Color

99, 9.128, 107.224

Protanomaly

99, 5.171, 97.859

Deuteranomaly

99, 3.691, 93.151

Tritanomaly

99, 2.048, 100.089

Monochromacy



Original Color

99, 9.128, 107.224



Achromatopsia

99, 0.012, 296.813



Achromatomaly

99, 3.547, 109.889

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 9.128, 107.224 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(254, 253, 235)` looks like.

```
.text, #text, p{  
    color:rgb(254, 253, 235)  
}
```

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(254, 253, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 253, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 9.128, 107.224 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(254, 253, 235) }
```

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

```
.border{ border-color:rgb(254, 253, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 253, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 253, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 253, 235);  
box-shadow:4px 4px 4px 4px rgb(254, 253,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 9.128, 107.224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 253, 235) }
```

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

```
.background{ background-color: rgb(254,  
253, 235) }
```

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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