

Converting Colors

CIELCh(100, 8.200, 43.014)

Have a look what the booklet for
CIELCh(100, 8.200, 43.014) contains.

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Color

CIELCh(99, 3.809, 88.002)

Conversions

Conversions Part 1

Format	Color
Hex	FFFCF5
RGB	255, 252, 245
RGB Percent	100%, 99%, 96%
CMY	0.0000, 0.0128, 0.0402
CMYK	0.00, 0.01, 0.04, 0.00
HSL	41°, 100%, 98%
HSV	41°, 4%, 100%
XYZ	92.6845, 97.4360, 100.0973
YIQ	252.0990, 4.0350, -1.5410

Conversions

Conversions Part 2

Format	Color
R _Y B	249, 255, 245
Decimal	16776437
CIE Lab	99.00, 0.13, 3.81
CIE LCh	99, 3.809, 88.002
Yxy	97.4360, 0.3194, 0.3357
Android (android.graphics.Color)	4294966517 (0xFFFFFCF5)
YUV	252.0990, -3.4998, 2.5442
Hunter-Lab	98.7097, -5.1376, 8.9733

Details

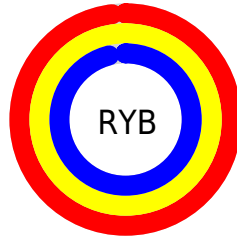
The CIELCh color 99, 3.809, 88.002 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 98, 3.742, 272.987, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 3.370, 90.499 is the 20% darker color. If you saturate the color by 10%, you get 96, 13.127, 90.632, and if you desaturate by 10%, it is 100, 0.012, 296.813.

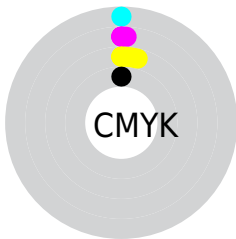
Distribution



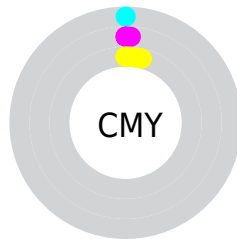
- Red (100%)
- Green (99%)
- Blue (96%)



- Red (98%)
- Yellow (100%)
- Blue (96%)



- Cyan (0%)
- Magenta (1%)
- Yellow (4%)
- Black (0%)



- Cyan (0%)
- Magenta (1%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 3.809, 88.002 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, 3.809, 88.002 by changing the saturation by 10% instead.



99, 3.809, 88.002

99, 3.809, 88.002

96, 13.127, 90.632

100, 0.012,
296.813

94, 22.709, 89.335

91, 32.438, 87.992

89, 42.244, 86.607

87, 51.983, 85.178

84, 61.378, 83.685

82, 69.935, 82.082

80, 76.863, 80.272

78, 81.201, 78.090

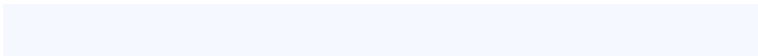
Harmonies

Complementary

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



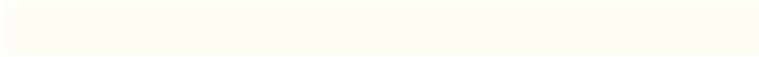
99, 3.809, 88.002



98, 3.742, 272.987

Rectangle

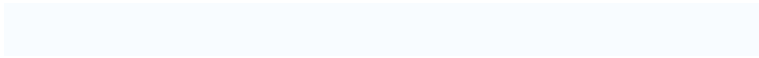
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



99, 3.809, 88.002



99, 3.809, 138.002



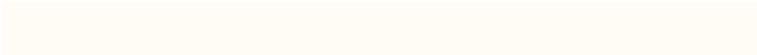
99, 3.809, 268.002



99, 3.809, 318.002

Sweetspot

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



99, 3.722, 91.841



100, 0.914, 91.985



97, 4.039, 353.925



53, 0.519, 91.976



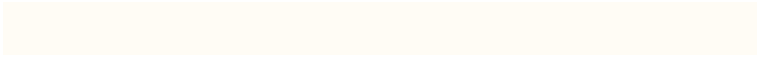
0, 0.000, 0.000



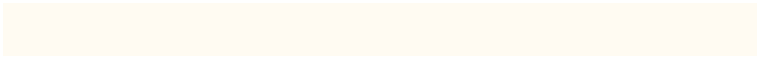
53, 0.007, 296.813

Same Dimension

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



99, 3.722, 91.841



99, 4.632, 91.734



100, 5.235, 116.416



52, 3.163, 91.654



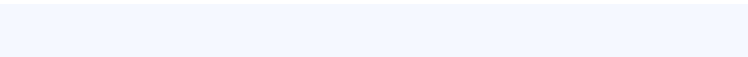
59, 66.562, 77.113



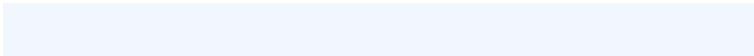
19, 28.322, 79.864

Inverse Universe

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



98, 3.742, 272.987



97, 4.651, 273.099



97, 5.301, 297.001



51, 3.174, 273.185



32, 81.023, 297.572



8, 32.516, 292.578

Previews

White Background



This preview shows how the CIE LCh color 99, 3.809, 88.002 looks on a white background.

Color Contrast Check

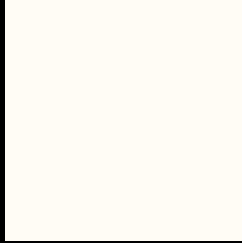
Large Text (above 18pt) WCAG AA × Fail

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, 3.809, 88.002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

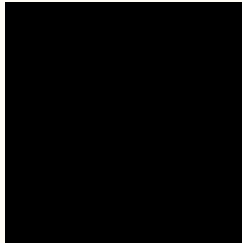
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 3.809, 88.002

Background



This preview shows how black text looks on a background with the CIELCh color 99, 3.809, 88.002.



This preview shows how white text looks on a background with the CIELCh color 99, 3.809, 88.002.

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, 3.691, 93.151

Protanopia
99, 2.059, 66.765

Deuteranopia
99, 1.406, 19.030

Tritanopia
99, 2.171, 309.072

Trichromacy

Original Color

99, 3.691, 93.151

Protanomaly

99, 2.456, 74.858

Deuteranomaly

99, 1.723, 55.170

Tritanomaly

99, 1.054, 18.852

Monochromacy

Original Color

99, 3.691, 93.151

Achromatopsia

99, 0.012, 296.813

Achromatomaly

99, 1.550, 96.903

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 3.809, 88.002 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(255, 252, 245)` looks like.

```
.text, #text, p{  
    color:rgb(255, 252, 245)  
}
```

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(255, 252, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 252, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 3.809, 88.002 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(255, 252, 245) }
```

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

```
.border{ border-color:rgb(255, 252, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 252, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 252, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 252, 245); box-shadow:4px 4px 4px 4px rgb(255, 252, 245) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 3.809, 88.002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 252, 245) }
```

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

```
.background{ background-color: rgb(255,  
252, 245) }
```

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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