Converting Colors

CIELCh(100, 7.185, 73.549)

Have a look what the booklet for CIELCh(100, 7.185, 73.549) contains.

Color

CIELCh(99, 5.612, 102.456)

Conversions

Format	Color
Hex	FEFCF1
RGB	254, 252, 241
RGB Percent	100%, 99%, 95%
CMY	0.0022, 0.0100, 0.0531
CMYK	0.00, 0.01, 0.05, 0.00
HSL	51°, 92%, 97%
HSV	51°, 5%, 100%
XYZ	91.9332, 97.4360, 97.5358
YIQ	251.3440, 4.7230, -2.9970

Conversions Part 1

Conversions

Conversions Part 2

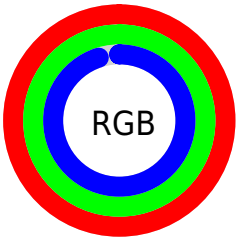
Format	Color
RYB	243, 254, 241
Decimal	16710897
CIELab	99.00, -1.21, 5.48
CIELCh	99, 5.612, 102.456
Yxy	97.4360, 0.3204, 0.3396
Android (android.graphics.Color)	4294900977 (0xFFFEFCF1)
YUV	251.3440, -5.0996, 2.3293
Hunter-Lab	98.7097, -6.4961, 10.5119

Details

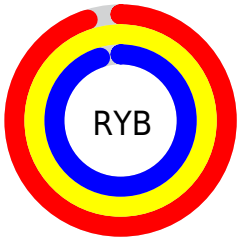
The CIELCh color 99, 5.612, 102.456 is a light color, and the websafe version is hex FFFFFF. A complement of this color would be 96, 5.674, 283.663, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 5.368, 101.646 is the 20% darker color. If you saturate the color by 10%, you get 97, 16.666, 101.377, and if you desaturate by 10%, it is 100, 0.191, 202.863.

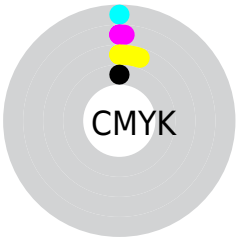
Distribution



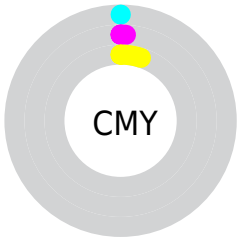
- Red (100%)
- Green (99%)
- Blue (95%)



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



- Cyan (0%)
- Magenta (1%)
- Yellow (5%)
- Black (0%)



- Cyan (0%)
- Magenta (1%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 5.612, 102.456 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, 5.612, 102.456 by changing the saturation by 10% instead.

99, 5.612, 102.456

100, 5.612, 102.456

99, 5.612, 102.456

89, 5.612, 102.456

79, 5.612, 102.456

69, 5.612, 102.456

59, 5.612, 102.456

49, 5.612, 102.456

39, 5.612, 102.456

29, 5.612, 102.456

19, 5.612, 102.456

9, 5.612, 102.456

99, 5.612, 102.456

97, 16.666, 101.377

96, 27.727, 100.236

95, 38.716, 99.074

93, 49.498, 97.903

92, 59.838, 96.734

91, 69.353, 95.578

90, 77.459, 94.438

89, 83.399, 93.303

87, 86.503, 92.139

99, 5.612, 102.456

100, 0.191, 202.863

Harmonies

Complementary

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

99, 5.612, 102.456

96, 5.674, 283.663

Rectangle

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

99, 5.612, 102.456

99, 5.612, 152.456

99, 5.612, 282.456

99, 5.612, 332.456

Sweetspot

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

99, 5.614, 102.476

100, 2.194, 102.772

96, 4.756, 6.152

53, 1.247, 102.779

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, 5.614, 102.476

99, 6.611, 102.381

99, 6.777, 122.783

53, 4.387, 102.312

67, 70.436, 91.769

23, 31.528, 93.387

Inverse Universe

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

96, 5.674, 283.663

96, 6.685, 283.765

96, 6.859, 303.319

51, 4.438, 283.840

26, 98.844, 303.846

5, 39.243, 298.812

Previews

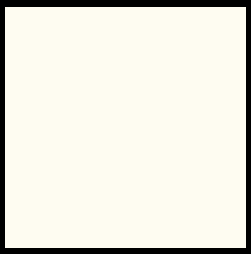
White Background

This preview shows how the CIELCh color 99, 5.612, 102.456 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



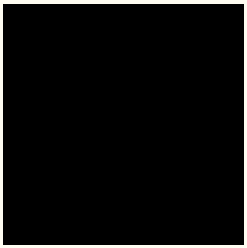
This preview shows how the CIELCh color 99, 5.612, 102.456 looks on a black background.

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, 5.612, 102.456 Background



This preview shows how black text looks on a background with the CIELCh color 99, 5.612, 102.456.

This preview shows how white text looks on a background with the CIELCh color 99, 5.612, 102.456.

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, 5.616, 102.454

Protanopia
99, 2.272, 82.227

Deuteranopia
99, 1.406, 19.030

Tritanopia
99, 2.171, 309.072

Trichromacy

Original Color
99, 5.616, 102.454

Protanomaly
99, 3.207, 90.598

Deuteranomaly
99, 2.272, 82.227

Tritanomaly
99, 1.220, 74.868

Monochromacy

Original Color
99, 5.616, 102.454

Achromatopsia
99, 0.012, 296.813

Achromatomaly
99, 2.048, 100.089

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 5.612, 102.456 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, 252, 241) looks like.

```
.text, #text, p{
    color:rgb(254, 252, 241)
}
```

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, 252, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 252, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 5.612, 102.456 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, 252, 241) }
```

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

```
.border{ border-color:rgb(254, 252, 241) }
```

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

Here you see how a box with a 4 pixel rgb(254, 252, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(254, 252, 241); -webkit-box-shadow:4px 4px 4px 4px rgb(254, 252, 241); box-shadow:4px 4px 4px 4px rgb(254, 252, 241) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 5.612, 102.456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(254, 252, 241) }
```

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

```
.background{ background-color:rgb(254,
252, 241) }
```

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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