

Converting Colors

CIELCh(100, 11.288, 67.970)

Have a look what the booklet for
CIELCh(100, 11.288, 67.970)
contains.

CIELCh(99, 8.681, 102.373)	3
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Color

CIELCh(99, 8.681, 102.373)

Conversions

Conversions Part 1

Format	Color
Hex	FFFDEC
RGB	255, 253, 236
RGB Percent	100%, 99%, 93%
CMY	0.0000, 0.0092, 0.0760
CMYK	0.00, 0.01, 0.08, 0.00
HSL	53°, 100%, 96%
HSV	53°, 8%, 100%
XYZ	91.5713, 97.4360, 93.0539
YIQ	251.6600, 6.6490, -4.8630

Conversions

Conversions Part 2

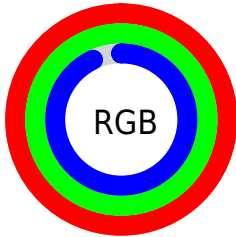
Format	Color
R_{YB}	238, 255, 236
Decimal	16776684
CIE Lab	99.00, -1.86, 8.48
CIE LCh	99, 8.681, 102.373
Yxy	97.4360, 0.3247, 0.3454
Android (android.graphics.Color)	4294966764 (0xFFFFFDEC)
YUV	251.6600, -7.7204, 2.9292
Hunter-Lab	98.7097, -7.1505, 13.2039

Details

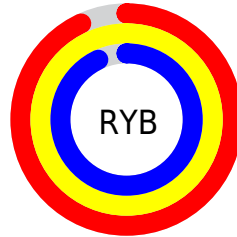
The CIELCh color 99, 8.681, 102.373 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 94, 8.782, 285.592, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 8.536, 104.298 is the 20% darker color. If you saturate the color by 10%, you get 98, 20.089, 102.815, and if you desaturate by 10%, it is 100, 0.012, 296.813.

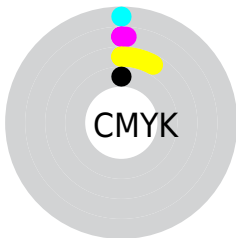
Distribution



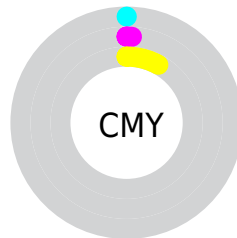
- Red (100%)
- Green (99%)
- Blue (93%)



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



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



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 8.681, 102.373 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, 8.681, 102.373 by changing the saturation by 10% instead.

 99, 8.681, 102.373

 99, 8.681, 102.373

 100, 8.681,
102.373

 89, 8.681, 102.373

 79, 8.681, 102.373

 69, 8.681, 102.373

 59, 8.681, 102.373

 49, 8.681, 102.373

 39, 8.681, 102.373

 29, 8.681, 102.373

 19, 8.681, 102.373

 9, 8.681, 102.373

99, 8.681, 102.373

99, 8.681, 102.373

98, 20.089,
102.815

100, 0.012,
296.813

96, 31.480,
101.705

95, 42.731,
100.583

94, 53.674, 99.466

93, 64.028, 98.368

92, 73.351, 97.304

91, 81.009, 96.288

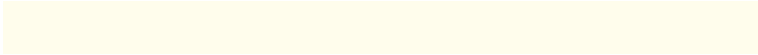
90, 86.259, 95.317

89, 88.635, 94.369

Harmonies

Complementary

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



99, 8.681, 102.373



94, 8.782, 285.592

Rectangle

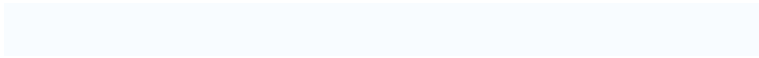
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



99, 8.681, 102.373



99, 8.681, 152.373



99, 8.681, 282.373



99, 8.681, 332.373

Sweetspot

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



99, 8.660, 103.899



100, 2.269, 104.453



95, 7.072, 9.039



53, 1.290, 104.460



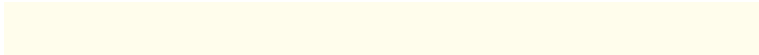
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



99, 8.660, 103.899



99, 10.264, 103.750



99, 10.163, 123.898



53, 6.484, 103.696



69, 71.749, 94.308



23, 32.299, 95.608

Inverse Universe

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



94, 8.782, 285.592



93, 10.428, 285.759



94, 10.313, 304.677



49, 6.593, 285.820



25, 101.379, 304.576



5, 40.254, 299.508

Previews

White Background



This preview shows how the CIE LCh color 99, 8.681, 102.373 looks on a white background.

Color Contrast Check

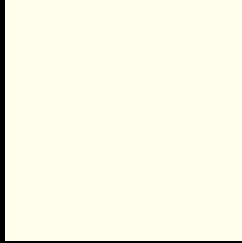
Large Text (above 18pt) WCAG AA × Fail

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, 8.681, 102.373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

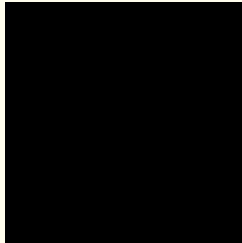
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 8.681, 102.373

Background



This preview shows how black text looks on a background with the CIELCh color 99, 8.681, 102.373.



This preview shows how white text looks on a background with the CIELCh color 99, 8.681, 102.373.

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, 8.641, 104.749



Protanopia

99, 3.207, 90.598

Deuteranopia

99, 1.406, 19.030

Tritanopia
99, 2.171, 309.072

Trichromacy



Original Color

99, 8.641, 104.749

Protanomaly

99, 5.171, 97.859

Deuteranomaly

99, 3.691, 93.151

Tritanomaly

99, 2.134, 90.698

Monochromacy



Original Color

99, 8.641, 104.749



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, 8.681, 102.373 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, 253, 236)` looks like.

```
.text, #text, p{  
    color:rgb(255, 253, 236)  
}
```

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, 253, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 253, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 8.681, 102.373 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, 253, 236) }
```

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

```
.border{ border-color:rgb(255, 253, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 253, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 253, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 253, 236);  
box-shadow:4px 4px 4px 4px rgb(255, 253,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 8.681, 102.373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 253, 236) }
```

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

```
.background{ background-color: rgb(255,  
253, 236) }
```

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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