

Converting Colors

CIELCh(100, 6.805, 126.106)

Have a look what the booklet for
CIELCh(100, 6.805, 126.106)
contains.

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Color

CIElCh(100, 5.681, 120.524)

Conversions

Conversions Part 1

Format	Color
Hex	<code>FDFFF5</code>
RGB	<code>253, 255, 245</code>
RGB Percent	<code>99%, 100%, 96%</code>
CMY	<code>0.0062, 0.0000, 0.0376</code>
CMYK	<code>0.01, 0.00, 0.04, 0.00</code>
HSL	<code>70°, 100%, 98%</code>
HSV	<code>70°, 4%, 100%</code>
XYZ	<code>93.4110, 100.0000, 101.0844</code>
YIQ	<code>253.2620, 2.0180, -3.5340</code>

Conversions

Conversions Part 2

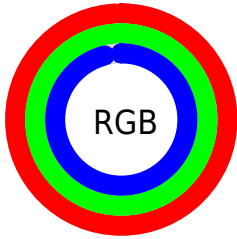
Format	Color
R _Y B	245, 255, 247
Decimal	16646133
CIE Lab	100.00, -2.89, 4.89
CIE LCh	100, 5.681, 120.524
Yxy	100.0000, 0.3172, 0.3396
Android (android.graphics.Color)	4294836213 (0xFFFFDFFF5)
YUV	253.2620, -4.0732, -0.2298
Hunter-Lab	100.0000, -8.2614, 10.0671

Details

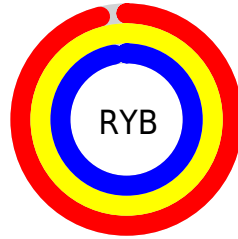
The CIELCh color 100, 5.681, 120.524 is a light color, and the websafe version is hex FFFFFFF, and the color name is [milk](#). A complement of this color would be 97, 4.956, 296.944, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 4.844, 118.560 is the 20% darker color. If you saturate the color by 10%, you get 99, 17.901, 115.664, and if you desaturate by 10%, it is 100, 0.012, 296.813.

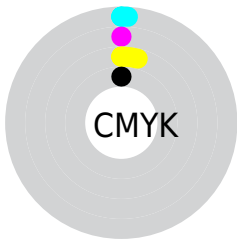
Distribution



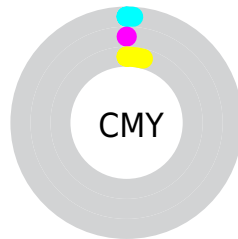
- Red (99%)
- Green (100%)
- Blue (96%)



- Red (96%)
- Yellow (100%)
- Blue (97%)



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





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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 100, 5.681, 120.524 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 100, 5.681, 120.524 by changing the saturation by 10% instead.


 100, 5.681,
120.524

 100, 5.681,
120.524

 90, 5.681, 120.524


 99, 17.901,
115.664

 80, 5.681, 120.524

 98, 30.794,
114.922

 70, 5.681, 120.524

 60, 5.681, 120.524


 97, 43.459,
114.190

 50, 5.681, 120.524

 97, 55.721,
113.496

 40, 5.681, 120.524

 30, 5.681, 120.524

 96, 67.311,
112.880

 20, 5.681, 120.524

 95, 77.831,
112.399

 10, 5.681, 120.524

 95, 86.739,

112.130

■ 95, 93.415,
112.160

■ 94, 97.414,
112.562

■ 100, 5.681,
120.524

100, 0.012,
296.813

Harmonies

Complementary

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



100, 5.681, 120.524



97, 4.956, 296.944

Rectangle

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



100, 5.681, 120.524



100, 5.681, 170.524

100, 5.681, 300.524



100, 5.681, 350.524

Sweetspot

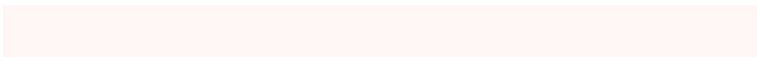
The Sweet Spot groups the original color and five complimentary colors.



100, 4.896, 116.396



100, 1.292, 116.594



98, 2.973, 33.634



53, 0.734, 116.598



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



100, 4.896, 116.396



100, 6.506, 116.307



99, 5.360, 134.011



53, 4.439, 116.256



73, 79.505, 112.812



25, 35.971, 111.962

Inverse Universe

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



97, 4.956, 296.944



96, 6.595, 297.038



97, 5.399, 314.249



51, 4.505, 297.093



24, 106.605, 306.979



4, 44.491, 304.902

Previews

White Background



This preview shows how the CIE LCh color 100, 5.681, 120.524 looks on a white background.

Color Contrast Check

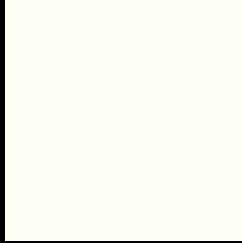
Large Text (above 18pt) WCAG AA × Fail

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 100, 5.681, 120.524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

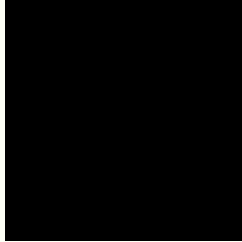
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 100, 5.681, 120.524

Background



This preview shows how black text looks on a background with the CIELCh color 100, 5.681, 120.524.



This preview shows how white text looks on a background with the CIELCh color 100, 5.681, 120.524.

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
100, 5.118, 117.731

Protanopia
100, 0.604, 74.594

Deuteranopia
100, 0.351, 17.546

Tritanopia
100, 0.519, 290.364

Trichromacy

Original Color

100, 5.118, 117.731

Protanomaly

100, 2.019, 109.989

Deuteranomaly

100, 1.511, 110.014

Tritanomaly

100, 1.004, 110.026

Monochromacy

Original Color

100, 5.118, 117.731

Achromatopsia

99, 0.012, 296.813

Achromatomaly

99, 2.054, 119.830

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 100, 5.681, 120.524 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(253, 255, 245)` looks like.

```
.text, #text, p{  
    color:rgb(253, 255, 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(253, 255, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 255, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 100, 5.681, 120.524 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(253, 255, 245) }
```

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

```
.border{ border-color:rgb(253, 255, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 255, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 255, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 255, 245);  
box-shadow:4px 4px 4px 4px rgb(253, 255,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 100, 5.681, 120.524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 255, 245) }
```

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

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