

Converting Colors

CIELCh(96, 15.507, 107.629)

Have a look what the booklet for
CIELCh(96, 15.507, 107.629)
contains.

CIELCh(96, 15.293, 107.605)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIElCh(96, 15.293, 107.605)

Conversions

Conversions Part 1

Format	Color
Hex	F6F5D7
RGB	246, 245, 215
RGB Percent	96%, 96%, 84%
CMY	0.0343, 0.0382, 0.1559
CMYK	0.00, 0.00, 0.13, 0.03
HSL	58°, 64%, 90%
HSV	58°, 13%, 97%
XYZ	83.1142, 90.0078, 77.4426
YIQ	241.8790, 10.2260, -9.1180

Conversions

Conversions Part 2

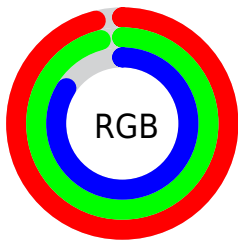
Format	Color
R_{YB}	216, 246, 215
Decimal	16184791
CIE _{Lab}	96.00, -4.63, 14.58
CIE _{LCh}	96, 15.293, 107.605
Yxy	90.0078, 0.3317, 0.3592
Android (android.graphics.Color)	4294374871 (0xFFFF6F5D7)
YUV	241.8790, -13.2513, 3.6141
Hunter-Lab	94.8724, -9.6496, 18.0134

Details

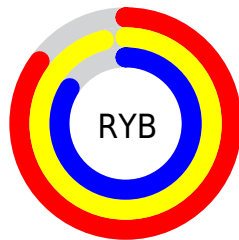
The CIELCh color **96, 15.293, 107.605** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **87, 15.717, 290.249**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 15.510, 107.263** is the 20% darker color. If you saturate the color by 10%, you get **95, 27.369, 106.605**, and if you desaturate by 10%, it is **97, 3.143, 108.587**.

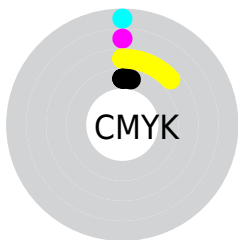
Distribution



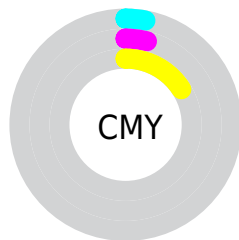
- Red (96%)
- Green (96%)
- Blue (84%)



- Red (85%)
- Yellow (96%)
- Blue (84%)



- Cyan (0%)
- Magenta (0%)
- Yellow (13%)
- Black (3%)





- Cyan (3%)
- Magenta (4%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 15.293, 107.605 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 96, 15.293, 107.605 by changing the saturation by 10% instead.


 96, 15.293,
107.605


 96, 15.293,
107.605


 100, 15.293,
107.605


 86, 15.293,
107.605

 76, 15.293,
107.605

 66, 15.293,
107.605

 56, 15.293,
107.605

 46, 15.293,
107.605

 36, 15.293,
107.605

 26, 15.293,

107.605

■ 16, 15.293,
107.605

■ 6, 15.293, 107.605

■ 96, 15.293,
107.605

■ 96, 15.293,
107.605

■ 95, 27.369,
106.605

■ 97, 3.143, 108.587

■ 95, 39.267,
105.600

■ 97, 4.184, 287.736

■ 98, 3.799, 283.280

■ 94, 50.837,
104.615

■ 98, 3.442, 277.867

■ 94, 61.833,
103.676

■ 98, 3.122, 271.284

■ 98, 2.852, 263.342

■ 93, 71.885,
102.811

■ 98, 2.648, 253.975

■ 93, 80.465,
102.055

■ 99, 2.524, 243.385

■ 93, 86.942,
101.443

■ 99, 2.493, 232.139

■ 92, 90.795,
100.995

■ 92, 92.131,
100.753

Harmonies

Complementary

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



96, 15.293, 107.605



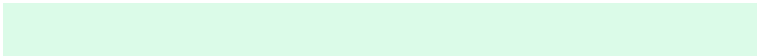
87, 15.717, 290.249

Rectangle

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



96, 15.293, 107.605



96, 15.293, 157.605



96, 15.293, 287.605



96, 15.293, 337.605

Sweetspot

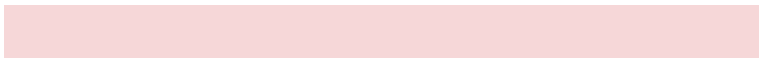
The Sweet Spot groups the original color and five complimentary colors.



96, 15.295, 107.612



100, 4.996, 108.457



89, 11.442, 17.518



53, 3.552, 108.385



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



96, 15.295, 107.612



99, 18.736, 107.368



95, 16.721, 127.320



51, 6.873, 107.922



72, 74.708, 100.790



23, 32.310, 101.421

Inverse Universe

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



87, 15.717, 290.249



88, 19.352, 290.549



88, 17.039, 308.486



47, 7.018, 289.885



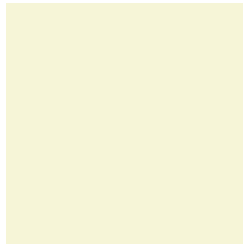
23, 104.172, 305.905



3, 39.012, 299.245

Previews

White Background



This preview shows how the CIE LCh color 96, 15.293, 107.605 looks on a white background.

Color Contrast Check

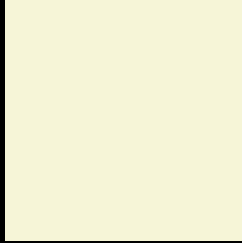
Large Text (above 18pt) WCAG AA × Fail

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 96, 15.293, 107.605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

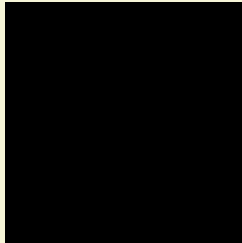
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

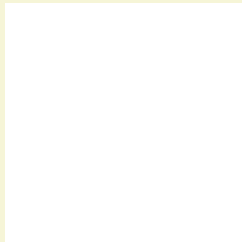
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 15.293, 107.605

Background



This preview shows how black text looks on a background with the CIELCh color 96, 15.293, 107.605.

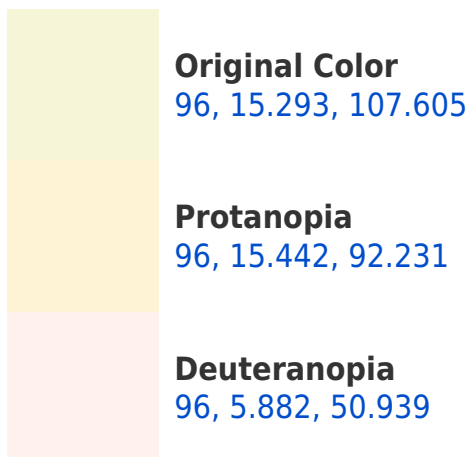



This preview shows how white text looks on a background with the CIELCh color 96, 15.293, 107.605.

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](#).

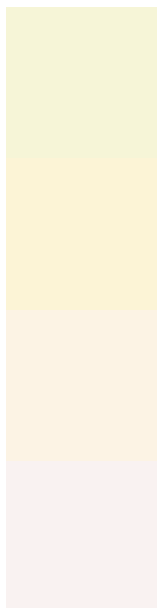
Dichromacy





Tritanopia
96, 8.489, 314.890

Trichromacy



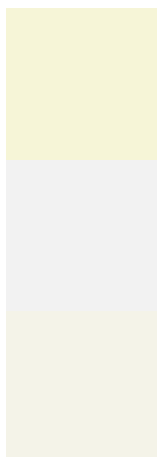
Original Color
96, 15.293, 107.605

Protanomaly
96, 15.569, 97.997

Deuteranomaly
96, 8.307, 86.400

Tritanomaly
96, 2.531, 30.960

Monochromacy



Original Color
96, 15.293, 107.605

Achromatopsia
95, 0.011, 296.813

Achromatomaly
96, 5.625, 106.073

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 15.293, 107.605 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(246, 245, 215)` looks like.

```
.text, #text, p{  
    color:rgb(246, 245, 215)  
}
```

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(246, 245, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 245, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 15.293, 107.605 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(246, 245, 215) }
```

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

```
.border{ border-color:rgb(246, 245, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 245, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 245, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 245, 215);  
box-shadow:4px 4px 4px 4px rgb(246, 245,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 15.293, 107.605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 245, 215) }
```

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

```
.background{ background-color: rgb(246,  
245, 215) }
```

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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