

Converting Colors

CIELCh(95, 14.750, 102.981)

Have a look what the booklet for
CIELCh(95, 14.750, 102.981)
contains.

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Color

CIELCh(95, 14.879, 103.305)

Conversions

Conversions Part 1

Format	Color
Hex	F6F2D5
RGB	246, 242, 213
RGB Percent	96%, 95%, 84%
CMY	0.0366, 0.0523, 0.1660
CMYK	0.00, 0.02, 0.13, 0.04
HSL	53°, 64%, 90%
HSV	53°, 13%, 96%
XYZ	81.5033, 87.6183, 75.3444
YIQ	239.8900, 11.6930, -8.1710

Conversions

Conversions Part 2

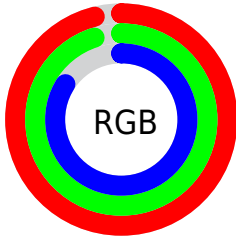
Format	Color
R _Y B	218, 246, 213
Decimal	16184021
CIE Lab	95.00, -3.42, 14.48
CIE LCh	95, 14.879, 103.305
Yxy	87.6183, 0.3334, 0.3584
Android (android.graphics.Color)	4294374101 (0xFFFF6F2D5)
YUV	239.8900, -13.2568, 5.3585
Hunter-Lab	93.6047, -8.3849, 17.7994

Details

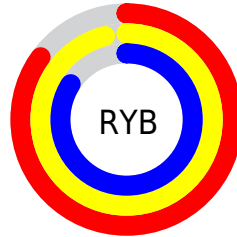
The CIELCh color **95, 14.879, 103.305** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **87, 15.219, 286.345**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 15.091, 102.761** is the 20% darker color. If you saturate the color by 10%, you get **94, 25.965, 102.214**, and if you desaturate by 10%, it is **96, 3.787, 104.365**.

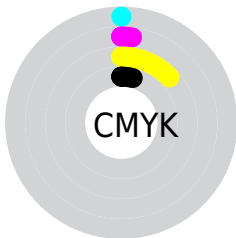
Distribution



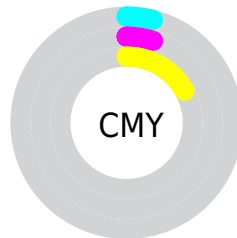
- Red (96%)
- Green (95%)
- Blue (84%)



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



- Cyan (0%)
- Magenta (2%)
- Yellow (13%)
- Black (4%)





- Cyan (4%)
- Magenta (5%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 14.879, 103.305 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 95, 14.879, 103.305 by changing the saturation by 10% instead.


 95, 14.879,
103.305


 95, 14.879,
103.305


 100, 14.879,
103.305


 85, 14.879,
103.305

 75, 14.879,
103.305

 65, 14.879,
103.305

 55, 14.879,
103.305

 45, 14.879,
103.305

 35, 14.879,
103.305

 25, 14.879,

103.305

■ 15, 14.879,
103.305

■ 5, 14.879, 103.305

■ 95, 14.879,
103.305

■ 95, 14.879,
103.305

■ 94, 25.965,
102.214

■ 96, 3.787, 104.365

■ 93, 36.960,
101.098

■ 97, 3.832, 280.329

■ 98, 2.808, 253.019

■ 91, 47.735, 99.981

■ 99, 2.820, 214.594

■ 90, 58.070, 98.876

■ 99, 3.232, 199.405

■ 89, 67.612, 97.800

■ 89, 75.824, 96.767

■ 88, 82.012, 95.783

■ 87, 85.531, 94.836

■ 86, 86.537, 94.220

Harmonies

Complementary

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



95, 14.879, 103.305



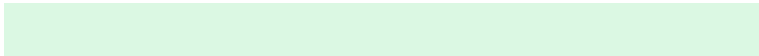
87, 15.219, 286.345

Rectangle

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



95, 14.879, 103.305



95, 14.879, 153.305



95, 14.879, 283.305



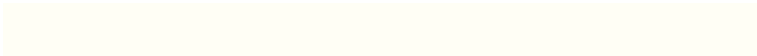
95, 14.879, 333.305

Sweetspot

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



95, 14.881, 103.313



99, 4.555, 104.309



88, 12.349, 9.649



53, 3.239, 104.233



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



95, 14.881, 103.313



98, 18.279, 103.029



95, 17.437, 123.586



51, 6.276, 103.738



67, 70.361, 94.383



21, 29.999, 95.911

Inverse Universe

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



87, 15.219, 286.345



88, 18.774, 286.690



87, 17.857, 305.016



47, 6.381, 285.852



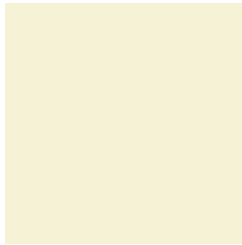
24, 99.294, 304.557



4, 36.554, 297.655

Previews

White Background



This preview shows how the CIE LCh color 95, 14.879, 103.305 looks on a white background.

Color Contrast Check

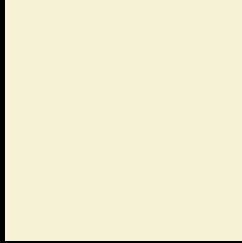
Large Text (above 18pt) WCAG AA × Fail

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 95, 14.879, 103.305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

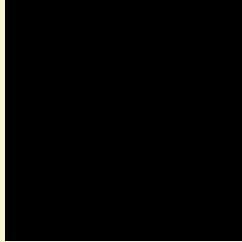
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

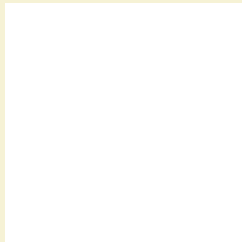
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 14.879, 103.305

Background



This preview shows how black text looks on a background with the CIELCh color 95, 14.879, 103.305.

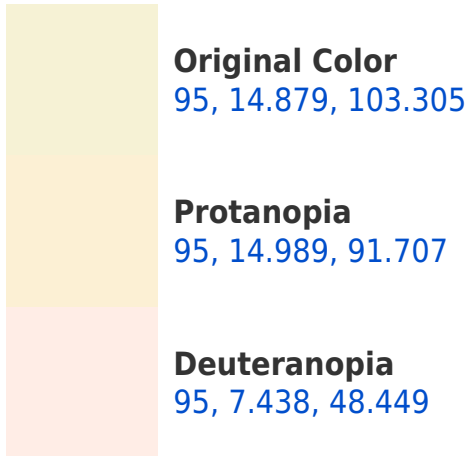


This preview shows how white text looks on a background with the CIELCh color 95, 14.879, 103.305.

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](#).

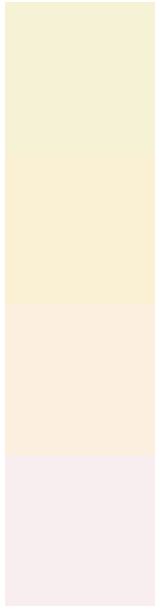
Dichromacy





Tritanopia
95, 10.683, 320.098

Trichromacy



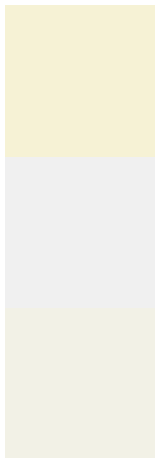
Original Color
95, 14.879, 103.305

Protanomaly
95, 15.181, 96.281

Deuteranomaly
95, 9.012, 77.738

Tritanomaly
95, 3.957, 12.081

Monochromacy



Original Color
95, 14.879, 103.305

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 5.634, 106.069

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 14.879, 103.305 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, 242, 213)` looks like.

```
.text, #text, p{  
    color:rgb(246, 242, 213)  
}
```

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, 242, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 242, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 14.879, 103.305 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, 242, 213) }
```

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

```
.border{ border-color:rgb(246, 242, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 242, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 242, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 242, 213);  
box-shadow:4px 4px 4px 4px rgb(246, 242,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 14.879, 103.305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 242, 213) }
```

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

```
.background{ background-color: rgb(246,  
242, 213) }
```

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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