

Converting Colors

CIELCh(95, 16.896, 95.163)

Have a look what the booklet for
CIELCh(95, 16.896, 95.163) contains.

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Color

CIELCh(95, 16.861, 94.755)

Conversions

Conversions Part 1

Format	Color
Hex	FBF0D0
RGB	251, 240, 208
RGB Percent	98%, 94%, 82%
CMY	0.0146, 0.0577, 0.1832
CMYK	0.00, 0.04, 0.17, 0.01
HSL	45°, 85%, 90%
HSV	45°, 17%, 99%
XYZ	82.5509, 87.6183, 72.4146
YIQ	239.6410, 16.8280, -7.6200

Conversions

Conversions Part 2

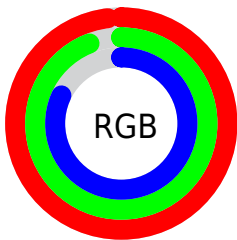
Format	Color
R _Y B	223, 251, 208
Decimal	16511184
CIE Lab	95.00, -1.40, 16.80
CIE LCh	95, 16.861, 94.755
Yxy	87.6183, 0.3403, 0.3612
Android (android.graphics.Color)	4294701264 (0xFFFBF0D0)
YUV	239.6410, -15.5990, 9.9618
Hunter-Lab	93.6047, -6.3872, 19.6552

Details

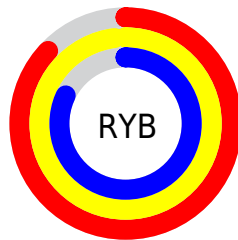
The CIELCh color **95, 16.861, 94.755** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **88, 17.044, 279.147**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 16.590, 94.763** is the 20% darker color. If you saturate the color by 10%, you get **93, 26.867, 93.504**, and if you desaturate by 10%, it is **97, 6.959, 95.969**.

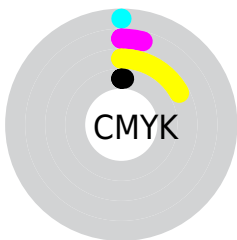
Distribution



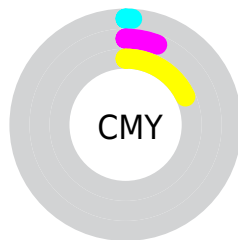
- Red (98%)
- Green (94%)
- Blue (82%)



- Red (87%)
- Yellow (98%)
- Blue (82%)



- Cyan (0%)
- Magenta (4%)
- Yellow (17%)
- Black (1%)



- Cyan (1%)
- Magenta (6%)
- Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 16.861, 94.755 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, 16.861, 94.755 by changing the saturation by 10% instead.

 95, 16.861, 94.755

 95, 16.861, 94.755

 100, 16.861,
94.755

 85, 16.861, 94.755

 75, 16.861, 94.755

 65, 16.861, 94.755

 55, 16.861, 94.755

 45, 16.861, 94.755

 35, 16.861, 94.755

 25, 16.861, 94.755

 15, 16.861, 94.755

 5, 16.861, 94.755

95, 16.861, 94.755

95, 16.861, 94.755

93, 26.867, 93.504

97, 6.959, 95.969

91, 36.914, 92.208

99, 1.144, 256.038

89, 46.893, 90.879

100, 1.289,
199.838

87, 56.596, 89.517

85, 65.659, 88.107

83, 73.481, 86.614

82, 79.227, 84.962

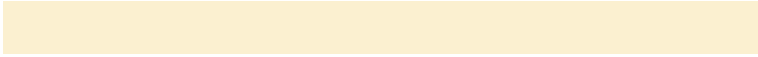
80, 82.129, 83.034

80, 82.647, 82.445

Harmonies

Complementary

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



95, 16.861, 94.755



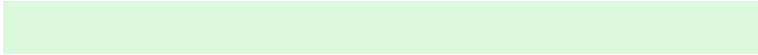
88, 17.044, 279.147

Rectangle

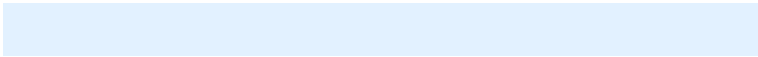
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 16.861, 94.755



95, 16.861, 144.755



95, 16.861, 274.755



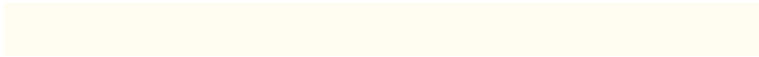
95, 16.861, 324.755

Sweetspot

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



95, 16.863, 94.763



99, 4.938, 96.208



87, 16.869, 0.025



53, 3.372, 96.130



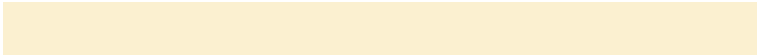
0, 0.000, 0.000



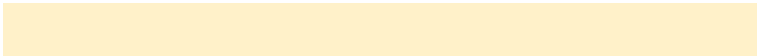
53, 0.007, 296.813

Same Dimension

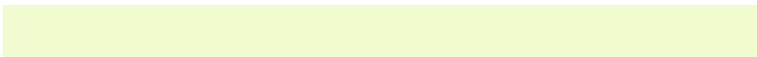
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 16.863, 94.763



95, 20.987, 94.277



97, 22.146, 118.163



51, 5.545, 95.690



61, 66.728, 82.857



20, 28.202, 85.425

Inverse Universe

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



88, 17.044, 279.147



86, 21.263, 279.757



86, 22.952, 300.498



49, 5.585, 278.064



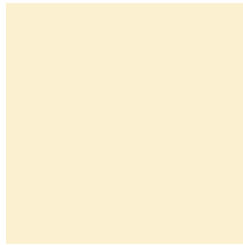
29, 87.431, 300.416



6, 33.982, 295.022

Previews

White Background



This preview shows how the CIELCh color 95, 16.861, 94.755 looks on a white background.

Color Contrast Check

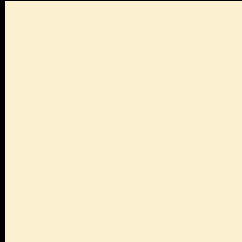
Large Text (above 18pt) WCAG AA × Fail

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, 16.861, 94.755 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

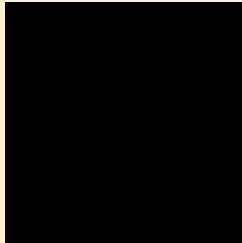
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 16.861, 94.755

Background



This preview shows how black text looks on a background with the CIELCh color 95, 16.861, 94.755.

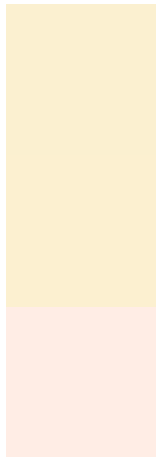


This preview shows how white text looks on a background with the CIELCh color 95, 16.861, 94.755.

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

95, 16.861, 94.755

Protanopia

95, 16.957, 93.520

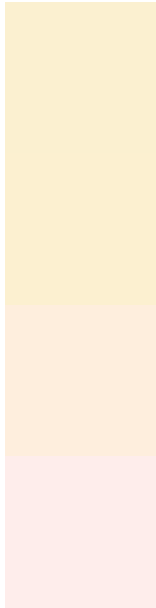
Deuteranopia

95, 7.707, 51.734



Tritanopia
95, 10.862, 330.985

Trichromacy



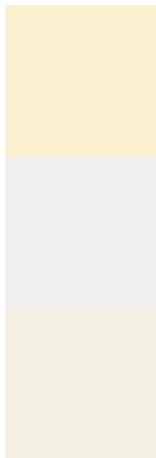
Original Color
95, 16.861, 94.755

Protanomaly
95, 16.957, 93.520

Deuteranomaly
95, 10.496, 75.379

Tritanomaly
95, 6.195, 29.206

Monochromacy



Original Color
95, 16.861, 94.755

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 6.296, 96.424

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 16.861, 94.755 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(251, 240, 208)` looks like.

```
.text, #text, p{  
    color:rgb(251, 240, 208)  
}
```

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(251, 240, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 240, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 16.861, 94.755 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(251, 240, 208) }
```

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

```
.border{ border-color:rgb(251, 240, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 240, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 240, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 240, 208);  
box-shadow:4px 4px 4px 4px rgb(251, 240,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 16.861, 94.755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 240, 208) }
```

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

```
.background{ background-color: rgb(251,  
240, 208) }
```

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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