

Converting Colors

CIELCh(95, 10.496, 86.651)

Have a look what the booklet for
CIELCh(95, 10.496, 86.651) contains.

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Color

CIELCh(95, 10.197, 83.854)

Conversions

Conversions Part 1

Format	Color
Hex	FBEFDD
RGB	251, 239, 221
RGB Percent	98%, 94%, 87%
CMY	0.0149, 0.0620, 0.1326
CMYK	0.00, 0.05, 0.12, 0.01
HSL	36°, 80%, 93%
HSV	36°, 12%, 99%
XYZ	83.8500, 87.6183, 81.0287
YIQ	240.5360, 12.9300, -3.0540

Conversions

Conversions Part 2

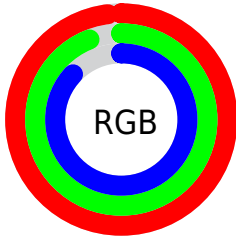
Format	Color
R _Y B	241, 251, 221
Decimal	16510941
CIE Lab	95.00, 1.09, 10.14
CIE LCh	95, 10.197, 83.854
Yxy	87.6183, 0.3321, 0.3470
Android (android.graphics.Color)	4294701021 (0xFFFFBEFDD)
YUV	240.5360, -9.6312, 9.1769
Hunter-Lab	93.6047, -3.9099, 14.1990

Details

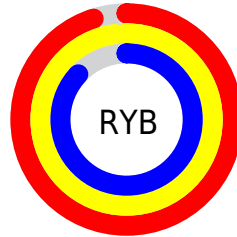
The CIELCh color **95, 10.197, 83.854** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **92, 10.082, 267.110**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 10.088, 84.213** is the 20% darker color. If you saturate the color by 10%, you get **92, 19.033, 82.557**, and if you desaturate by 10%, it is **98, 1.627, 84.977**.

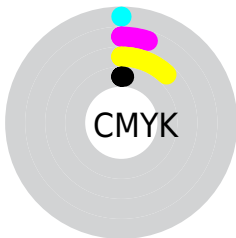
Distribution



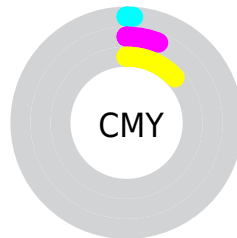
- Red (98%)
- Green (94%)
- Blue (87%)



- Red (95%)
- Yellow (98%)
- Blue (87%)



- Cyan (0%)
- Magenta (5%)
- Yellow (12%)
- Black (1%)



- Cyan (1%)
- Magenta (6%)
- Yellow (13%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 10.197, 83.854 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, 10.197, 83.854 by changing the saturation by 10% instead.

 95, 10.197, 83.854

 95, 10.197, 83.854

 100, 10.197,
83.854

 85, 10.197, 83.854

 75, 10.197, 83.854

 65, 10.197, 83.854

 55, 10.197, 83.854

 45, 10.197, 83.854

 35, 10.197, 83.854

 25, 10.197, 83.854

 15, 10.197, 83.854

 5, 10.197, 83.854

95, 10.197, 83.854

95, 10.197, 83.854

92, 19.033, 82.557

98, 1.627, 84.977

89, 28.131, 81.197

100, 1.323,
199.822

86, 37.463, 79.799

83, 46.944, 78.356

81, 56.385, 76.848

78, 65.407, 75.219

75, 73.327, 73.347

73, 79.131, 71.011

71, 81.968, 68.706

Harmonies

Complementary

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



95, 10.197, 83.854



92, 10.082, 267.110

Rectangle

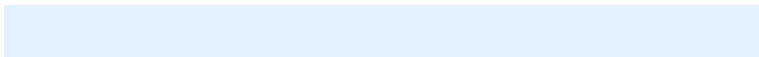
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 10.197, 83.854



95, 10.197, 133.854



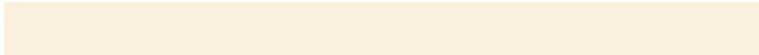
95, 10.197, 263.854



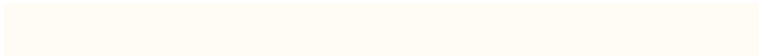
95, 10.197, 313.854

Sweetspot

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



95, 10.198, 83.869



99, 3.409, 84.825



91, 12.476, 350.485



52, 2.427, 84.745



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, 10.198, 83.869



96, 12.139, 83.603



98, 15.275, 113.130



51, 4.814, 84.179



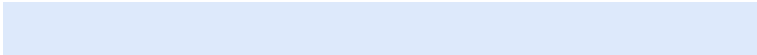
55, 66.037, 69.352



17, 26.225, 71.852

Inverse Universe

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



92, 10.082, 267.110



92, 11.968, 267.422



89, 15.697, 295.168



49, 4.775, 266.755



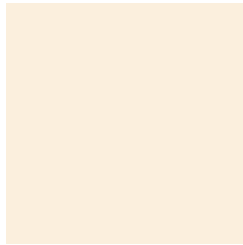
36, 69.816, 292.489



9, 27.399, 286.457

Previews

White Background



This preview shows how the CIELCh color 95, 10.197, 83.854 looks on a white background.

Color Contrast Check

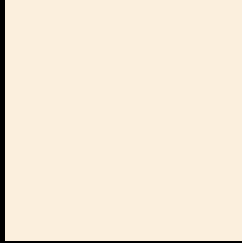
Large Text (above 18pt) WCAG AA × Fail

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, 10.197, 83.854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

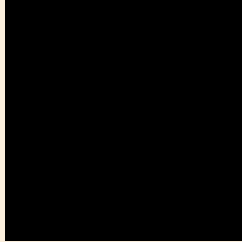
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

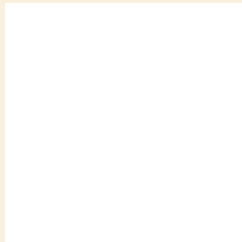
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 10.197, 83.854

Background



This preview shows how black text looks on a background with the CIELCh color 95, 10.197, 83.854.

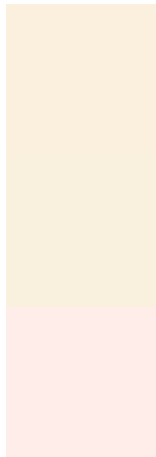


This preview shows how white text looks on a background with the CIELCh color 95, 10.197, 83.854.

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, 10.197, 83.854

Protanopia

95, 10.249, 90.636

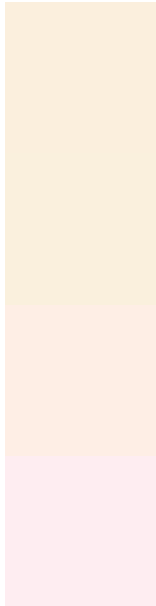
Deuteranopia

95, 6.806, 37.203



Tritanopia
95, 11.254, 329.283

Trichromacy



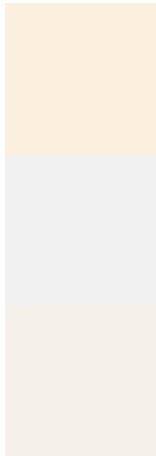
Original Color
95, 10.197, 83.854

Protanomaly
95, 10.373, 88.703

Deuteranomaly
95, 7.400, 58.046

Tritanomaly
95, 6.413, 1.136

Monochromacy



Original Color
95, 10.197, 83.854

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 3.535, 79.504

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 10.197, 83.854 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, 239, 221)` looks like.

```
.text, #text, p{  
    color:rgb(251, 239, 221)  
}
```

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, 239, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 239, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 10.197, 83.854 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, 239, 221) }
```

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

```
.border{ border-color:rgb(251, 239, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 239, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 239, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 239, 221);  
box-shadow:4px 4px 4px 4px rgb(251, 239,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 10.197, 83.854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 239, 221) }
```

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

```
.background{ background-color: rgb(251,  
239, 221) }
```

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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