

Converting Colors

CIELCh(95, 13.535, 95.544)

Have a look what the booklet for
CIELCh(95, 13.535, 95.544) contains.

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Color

CIELCh(95, 13.202, 94.563)

Conversions

Conversions Part 1

Format	Color
Hex	F9F0D7
RGB	249, 240, 215
RGB Percent	98%, 94%, 84%
CMY	0.0223, 0.0576, 0.1557
CMYK	0.00, 0.04, 0.14, 0.02
HSL	44°, 75%, 91%
HSV	44°, 14%, 98%
XYZ	82.7314, 87.6183, 77.0430
YIQ	239.8410, 13.3890, -5.8670

Conversions

Conversions Part 2

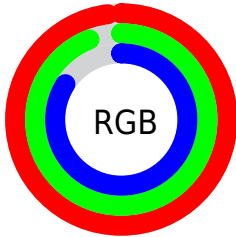
Format	Color
R _Y B	227, 249, 215
Decimal	16380119
CIE Lab	95.00, -1.05, 13.16
CIE LCh	95, 13.202, 94.563
Yxy	87.6183, 0.3344, 0.3542
Android (android.graphics.Color)	4294570199 (0xFFFF9F0D7)
YUV	239.8410, -12.2466, 8.0324
Hunter-Lab	93.6047, -6.0431, 16.7236

Details

The CIELCh color **95, 13.202, 94.563** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **89, 13.306, 278.040**, 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, 13.267, 95.246** is the 20% darker color. If you saturate the color by 10%, you get **93, 23.036, 93.322**, and if you desaturate by 10%, it is **97, 3.492, 95.742**.

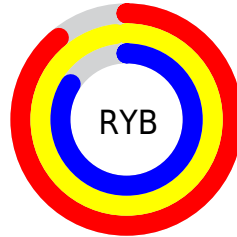
Distribution



Red (98%)

Green (94%)

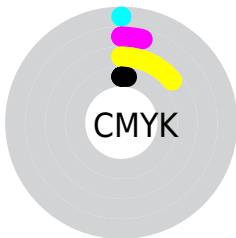
Blue (84%)



Red (89%)

Yellow (98%)

Blue (84%)

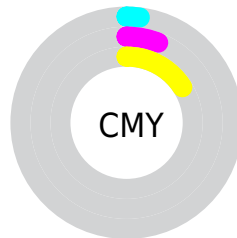


Cyan (0%)

Magenta (4%)

Yellow (14%)

Black (2%)



Cyan (2%)

Magenta (6%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 13.202, 94.563 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, 13.202, 94.563 by changing the saturation by 10% instead.

95, 13.202, 94.563

95, 13.202, 94.563

100, 13.202,
94.563

85, 13.202, 94.563

75, 13.202, 94.563

65, 13.202, 94.563

55, 13.202, 94.563

45, 13.202, 94.563

35, 13.202, 94.563

25, 13.202, 94.563

15, 13.202, 94.563

5, 13.202, 94.563

95, 13.202, 94.563

95, 13.202, 94.563

93, 23.036, 93.322

97, 3.492, 95.742

91, 32.947, 92.029

99, 1.636, 227.482

89, 42.852, 90.701

100, 1.974,
199.616

87, 52.587, 89.338

85, 61.858, 87.932

83, 70.164, 86.451

81, 76.744, 84.833

80, 80.724, 82.962

79, 81.956, 81.623

Harmonies

Complementary

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



95, 13.202, 94.563



89, 13.306, 278.040

Rectangle

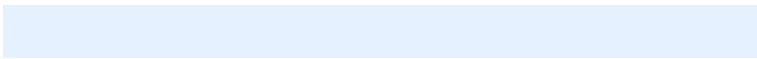
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 13.202, 94.563



95, 13.202, 144.563



95, 13.202, 274.563



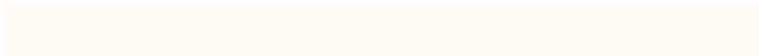
95, 13.202, 324.563

Sweetspot

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



95, 13.204, 94.573



99, 3.909, 95.704



89, 13.259, 359.624



53, 2.781, 95.624



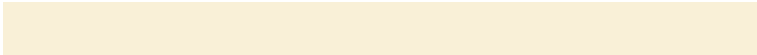
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

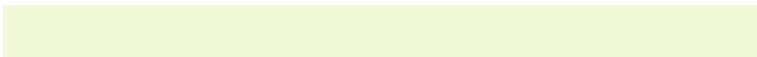
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 13.204, 94.573



96, 15.799, 94.280



97, 17.552, 118.393



51, 5.495, 95.075



61, 66.561, 82.041



20, 28.039, 84.658

Inverse Universe

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



89, 13.306, 278.040



90, 15.938, 278.389



88, 18.058, 300.224



49, 5.530, 277.466



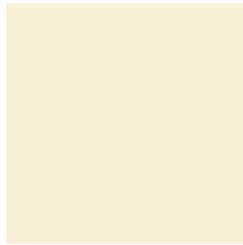
29, 86.411, 300.041



6, 33.626, 294.672

Previews

White Background



This preview shows how the CIE LCh color 95, 13.202, 94.563 looks on a white background.

Color Contrast Check

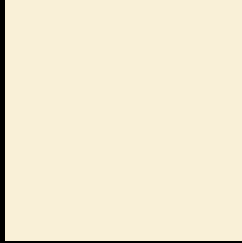
Large Text (above 18pt) WCAG AA × Fail

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, 13.202, 94.563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

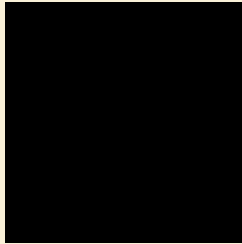
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

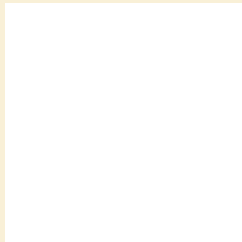
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 13.202, 94.563

Background



This preview shows how black text looks on a background with the CIELCh color 95, 13.202, 94.563.

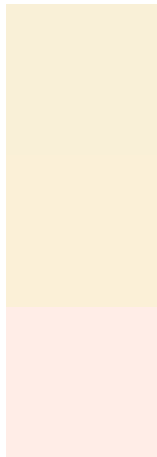


This preview shows how white text looks on a background with the CIELCh color 95, 13.202, 94.563.

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, 13.202, 94.563

Protanopia

95, 13.407, 91.478

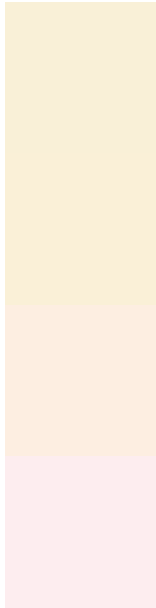
Deuteranopia

95, 7.197, 44.927



Tritanopia
95, 11.655, 327.699

Trichromacy



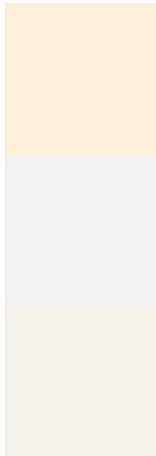
Original Color
95, 13.202, 94.563

Protanomaly
95, 13.299, 93.010

Deuteranomaly
95, 8.606, 70.097

Tritanomaly
95, 5.816, 9.563

Monochromacy



Original Color
95, 13.202, 94.563

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 4.718, 96.606

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 13.202, 94.563 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(249, 240, 215)` looks like.

```
.text, #text, p{  
    color:rgb(249, 240, 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(249, 240, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 240, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 13.202, 94.563 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(249, 240, 215) }
```

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

```
.border{ border-color:rgb(249, 240, 215) }
```

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

Here you see how a box with a 4 pixel rgb(249, 240, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 240, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 240, 215);  
box-shadow:4px 4px 4px 4px rgb(249, 240,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 13.202, 94.563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 240, 215) }
```

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

```
.background{ background-color: rgb(249,  
240, 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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