

Converting Colors

CIELCh(95, 5.410, 90.338)

Have a look what the booklet for
CIELCh(95, 5.410, 90.338) contains.

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Color

CIELCh(95, 5.409, 90.313)

Conversions

Conversions Part 1

Format	Color
Hex	F5F0E6
RGB	245, 240, 230
RGB Percent	96%, 94%, 90%
CMY	0.0384, 0.0580, 0.0972
CMYK	0.00, 0.02, 0.06, 0.04
HSL	40°, 43%, 93%
HSV	40°, 6%, 96%
XYZ	83.2632, 87.6183, 87.5390
YIQ	240.3550, 6.1900, -2.0500

Conversions

Conversions Part 2

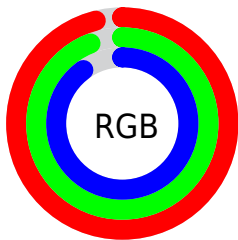
Format	Color
R _Y B	238, 245, 230
Decimal	16117990
CIE Lab	95.00, -0.03, 5.41
CIE LCh	95, 5.409, 90.313
Yxy	87.6183, 0.3222, 0.3391
Android (android.graphics.Color)	4294308070 (0xFFFF5F0E6)
YUV	240.3550, -5.1050, 4.0737
Hunter-Lab	93.6047, -5.0289, 10.0753

Details

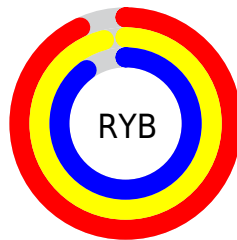
The CIELCh color **95, 5.409, 90.313** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **93, 5.421, 271.984**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 5.186, 88.211** is the 20% darker color. If you saturate the color by 10%, you get **92, 14.425, 89.090**, and if you desaturate by 10%, it is **98, 3.412, 271.703**.

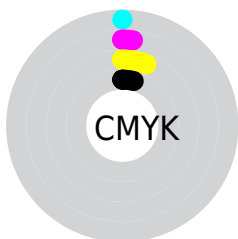
Distribution



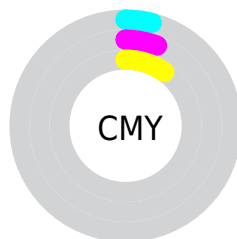
- Red (96%)
- Green (94%)
- Blue (90%)



- Red (93%)
- Yellow (96%)
- Blue (90%)



- Cyan (0%)
- Magenta (2%)
- Yellow (6%)
- Black (4%)



- Cyan (4%)
- Magenta (6%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 5.409, 90.313 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, 5.409, 90.313 by changing the saturation by 10% instead.

 95, 5.409, 90.313

 95, 5.409, 90.313

 100, 5.409, 90.313

 85, 5.409, 90.313

 75, 5.409, 90.313

 65, 5.409, 90.313

 55, 5.409, 90.313

 45, 5.409, 90.313

 35, 5.409, 90.313

 25, 5.409, 90.313

 15, 5.409, 90.313

 5, 5.409, 90.313

95, 5.409, 90.313

95, 5.409, 90.313

92, 14.425, 89.090

98, 3.412, 271.703

90, 23.624, 87.776

99, 3.385, 199.386

87, 32.978, 86.416

85, 42.414, 85.014

83, 51.781, 83.564

80, 60.787, 82.039

78, 68.912, 80.380

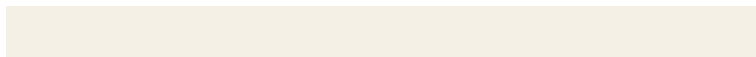
76, 75.339, 78.469

74, 79.137, 76.115

Harmonies

Complementary

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



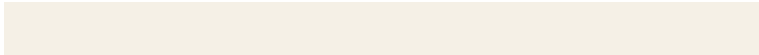
95, 5.409, 90.313



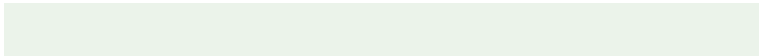
93, 5.421, 271.984

Rectangle

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



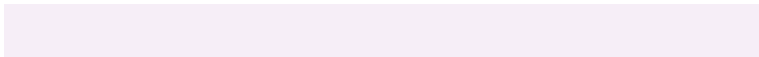
95, 5.409, 90.313



95, 5.409, 140.313



95, 5.409, 270.313



95, 5.409, 320.313

Sweetspot

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



95, 5.410, 90.337



99, 1.810, 90.742



93, 5.971, 354.171



53, 1.029, 90.746



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

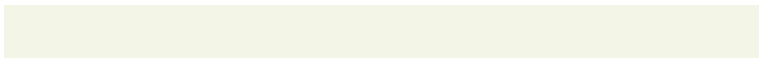
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 5.410, 90.337



98, 6.398, 90.231



96, 7.715, 116.265



50, 4.023, 90.162



57, 65.154, 75.654



17, 25.777, 78.450

Inverse Universe

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



93, 5.421, 271.984



96, 6.406, 272.099



92, 7.833, 297.162



49, 4.027, 272.174



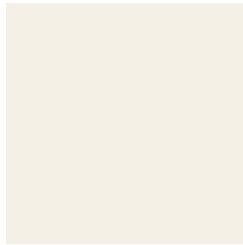
32, 77.295, 296.636



7, 29.439, 290.706

Previews

White Background



This preview shows how the CIELCh color 95, 5.409, 90.313 looks on a white background.

Color Contrast Check

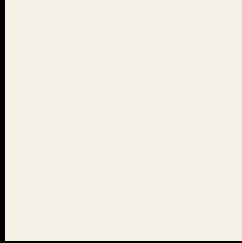
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 95, 5.409, 90.313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

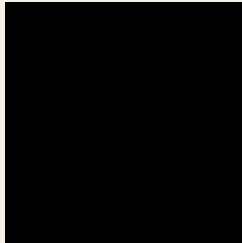
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

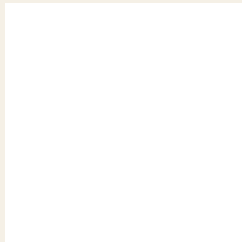
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 5.409, 90.313

Background



This preview shows how black text looks on a background with the CIELCh color 95, 5.409, 90.313.

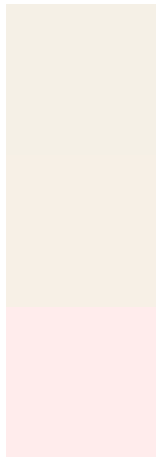


This preview shows how white text looks on a background with the CIELCh color 95, 5.409, 90.313.

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, 5.409, 90.313

Protanopia

95, 5.687, 83.397

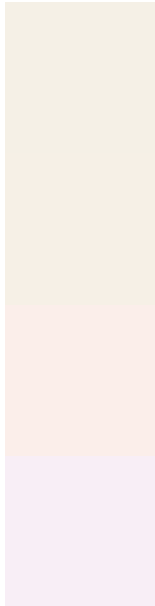
Deuteranopia

95, 6.829, 19.778



Tritanopia
95, 10.819, 315.524

Trichromacy



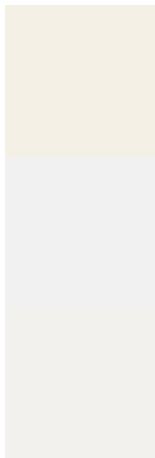
Original Color
95, 5.409, 90.313

Protanomaly
95, 5.537, 86.771

Deuteranomaly
95, 5.089, 43.272

Tritanomaly
95, 5.446, 330.712

Monochromacy



Original Color
95, 5.409, 90.313

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 2.152, 90.691

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 5.409, 90.313 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(245, 240, 230)` looks like.

```
.text, #text, p{  
    color:rgb(245, 240, 230)  
}
```

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(245, 240, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 240, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 5.409, 90.313 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(245, 240, 230) }
```

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

```
.border{ border-color:rgb(245, 240, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 240, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 240, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 240, 230);  
box-shadow:4px 4px 4px 4px rgb(245, 240,  
230) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 5.409, 90.313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 240, 230) }
```

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

```
.background{ background-color: rgb(245,  
240, 230) }
```

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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