

Converting Colors

CIELCh(99, 18.245, 30.796)

Have a look what the booklet for
CIELCh(99, 18.245, 30.796) contains.

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Color

CIELCh(96, 5.882, 50.939)

Conversions

Conversions Part 1

Format	Color
Hex	FFF1EB
RGB	255, 241, 235
RGB Percent	100%, 95%, 92%
CMY	0.0008, 0.0556, 0.0792
CMYK	0.00, 0.05, 0.08, 0.00
HSL	18°, 98%, 96%
HSV	18°, 8%, 100%
XYZ	87.5354, 90.0078, 91.2125
YIQ	244.5020, 10.2700, 1.1020

Conversions

Conversions Part 2

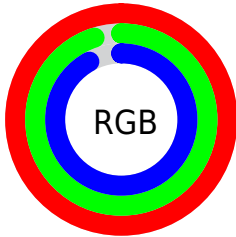
Format	Color
R_{YB}	255, 244, 235
Decimal	16773611
CIE _{Lab}	96.00, 3.71, 4.57
CIE _{LCh}	96, 5.882, 50.939
Yxy	90.0078, 0.3257, 0.3349
Android (android.graphics.Color)	4294963691 (0xFFFFF1EB)
YUV	244.5020, -4.6845, 9.2067
Hunter-Lab	94.8724, -1.3313, 9.4079

Details

The CIELCh color **96, 5.882, 50.939** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **97, 5.642, 232.277**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 5.885, 52.751** is the 20% darker color. If you saturate the color by 10%, you get **91, 13.899, 50.411**, and if you desaturate by 10%, it is **100, 0.067, 209.408**.

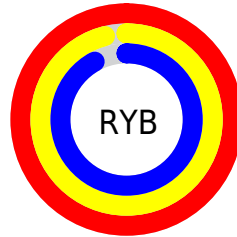
Distribution



Red (100%)

Green (95%)

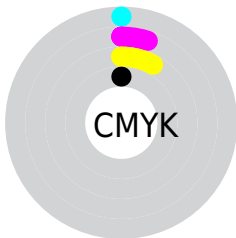
Blue (92%)



Red (100%)

Yellow (96%)

Blue (92%)

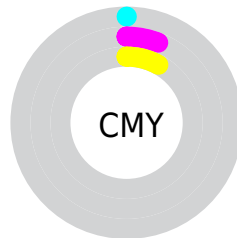


Cyan (0%)

Magenta (5%)

Yellow (8%)

Black (0%)



Cyan (0%)

Magenta (6%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 5.882, 50.939 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 96, 5.882, 50.939 by changing the saturation by 10% instead.



96, 5.882, 50.939

96, 5.882, 50.939

91, 13.899, 50.411

100, 0.067,
209.408

86, 22.551, 49.886

82, 31.883, 49.448

77, 41.916, 49.123

73, 52.612, 48.922

69, 63.814, 48.821

65, 75.119, 48.712

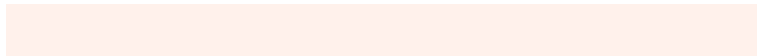
62, 85.608, 48.304

59, 93.662, 47.059

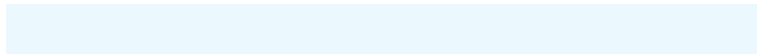
Harmonies

Complementary

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



96, 5.882, 50.939



97, 5.642, 232.277

Rectangle

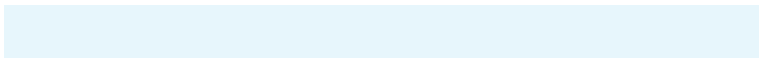
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 5.882, 50.939



96, 5.882, 100.939



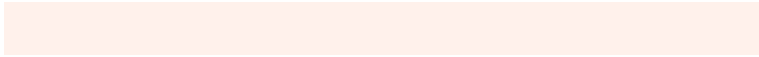
96, 5.882, 230.939



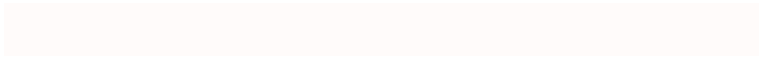
96, 5.882, 280.939

Sweetspot

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



96, 5.882, 50.966



99, 1.464, 51.040



95, 10.113, 334.785



53, 0.832, 51.025



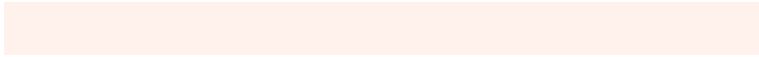
0, 0.000, 0.000



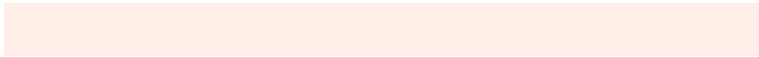
53, 0.007, 296.813

Same Dimension

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



96, 5.882, 50.966



95, 6.779, 50.906



98, 8.236, 99.486



51, 4.291, 50.879



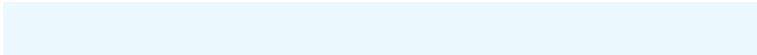
44, 76.212, 47.358



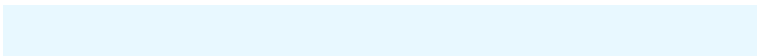
13, 28.553, 43.838

Inverse Universe

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



97, 5.642, 232.277



97, 6.458, 232.360



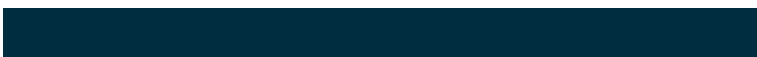
95, 8.321, 281.361



51, 4.075, 232.398



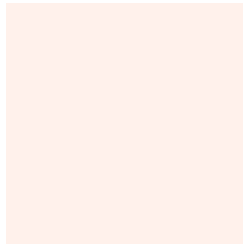
53, 39.500, 256.294



17, 17.253, 249.266

Previews

White Background



This preview shows how the CIELCh color 96, 5.882, 50.939 looks on a white background.

Color Contrast Check

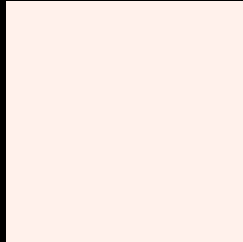
Large Text (above 18pt) WCAG AA × Fail

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 96, 5.882, 50.939 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 96, 5.882, 50.939

Background



This preview shows how black text looks on a background with the CIELCh color 96, 5.882, 50.939.

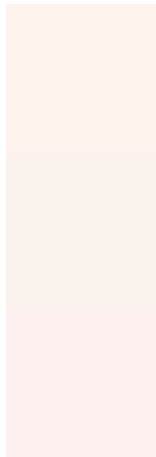


This preview shows how white text looks on a background with the CIELCh color 96, 5.882, 50.939.

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


96, 5.882, 50.939

Protanopia

96, 4.174, 66.578

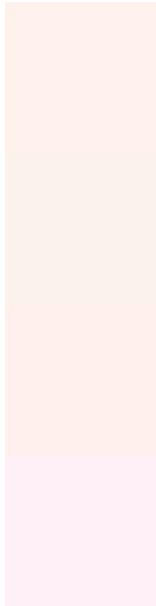
Deuteranopia

96, 5.358, 19.646



Tritanopia
96, 9.560, 326.487

Trichromacy



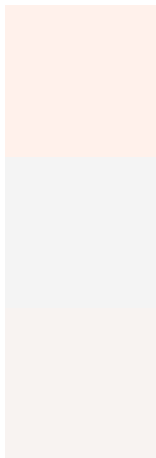
Original Color
96, 5.882, 50.939

Protanomaly
96, 4.697, 60.131

Deuteranomaly
96, 5.464, 30.405

Tritanomaly
96, 6.429, 345.912

Monochromacy



Original Color
96, 5.882, 50.939

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 2.033, 49.325

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 5.882, 50.939 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(255, 241, 235)` looks like.

```
.text, #text, p{  
    color:rgb(255, 241, 235)  
}
```

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(255, 241, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 241, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 5.882, 50.939 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(255, 241, 235) }
```

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

```
.border{ border-color:rgb(255, 241, 235) }
```

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

Here you see how a box with a 4 pixel rgb(255, 241, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 241, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 241, 235);  
box-shadow:4px 4px 4px 4px rgb(255, 241,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 5.882, 50.939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 241, 235) }
```

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

```
.background{ background-color: rgb(255,  
241, 235) }
```

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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