

Converting Colors

CIELCh(96, 8.147, 93.973)

Have a look what the booklet for
CIELCh(96, 8.147, 93.973) contains.

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Color

CIELCh(96, 7.946, 93.692)

Conversions

Conversions Part 1

Format	Color
Hex	F9F3E4
RGB	249, 243, 228
RGB Percent	98%, 95%, 89%
CMY	0.0227, 0.0463, 0.1051
CMYK	0.00, 0.02, 0.08, 0.02
HSL	43°, 64%, 94%
HSV	43°, 8%, 98%
XYZ	85.2780, 90.0078, 86.4191
YIQ	243.0840, 8.3910, -3.3930

Conversions

Conversions Part 2

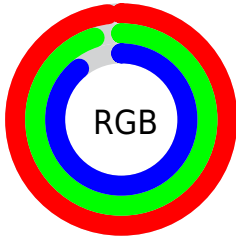
Format	Color
R _Y B	236, 249, 228
Decimal	16380900
CIE Lab	96.00, -0.51, 7.93
CIE LCh	96, 7.946, 93.692
Yxy	90.0078, 0.3259, 0.3439
Android (android.graphics.Color)	4294570980 (0xFFFF9F3E4)
YUV	243.0840, -7.4364, 5.1883
Hunter-Lab	94.8724, -5.5785, 12.4036

Details

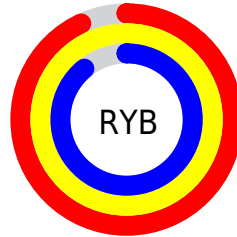
The CIELCh color **96, 7.946, 93.692** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **93, 7.984, 275.865**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 7.837, 92.417** is the 20% darker color. If you saturate the color by 10%, you get **94, 17.528, 92.469**, and if you desaturate by 10%, it is **98, 1.482, 275.116**.

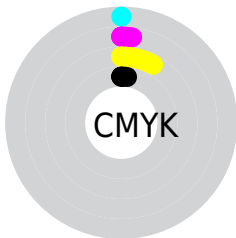
Distribution



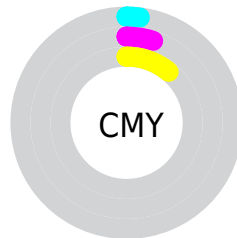
- Red (98%)
- Green (95%)
- Blue (89%)



- Red (93%)
- Yellow (98%)
- Blue (89%)



- Cyan (0%)
- Magenta (2%)
- Yellow (8%)
- Black (2%)



- Cyan (2%)
- Magenta (5%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 7.946, 93.692 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, 7.946, 93.692 by changing the saturation by 10% instead.



96, 7.946, 93.692

96, 7.946, 93.692

94, 17.528, 92.469

98, 1.482, 275.116

91, 27.236, 91.177

100, 2.012,
199.607

89, 37.019, 89.845

87, 46.769, 88.475

85, 56.279, 87.062

83, 65.178, 85.583

81, 72.848, 83.987

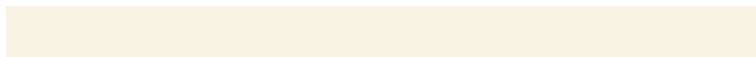
79, 78.420, 82.169

78, 81.213, 79.998

Harmonies

Complementary

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



96, 7.946, 93.692



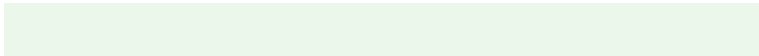
93, 7.984, 275.865

Rectangle

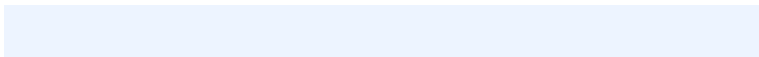
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



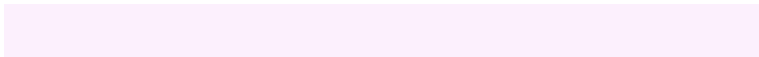
96, 7.946, 93.692



96, 7.946, 143.692



96, 7.946, 273.692



96, 7.946, 323.692

Sweetspot

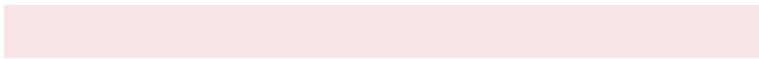
The Sweet Spot groups the original color and five complimentary colors.



96, 7.948, 93.708



99, 2.862, 94.314



92, 8.226, 356.696



53, 2.173, 94.236



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

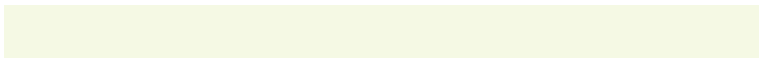
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 7.948, 93.708



98, 9.622, 93.517



97, 10.804, 117.422



51, 5.378, 93.580



60, 66.230, 80.099



19, 27.673, 82.809

Inverse Universe

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



93, 7.984, 275.865



94, 9.666, 276.078



92, 11.010, 298.594



49, 5.402, 276.008



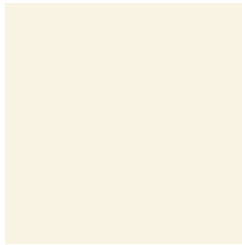
30, 83.953, 299.102



7, 32.755, 293.767

Previews

White Background



This preview shows how the CIELCh color 96, 7.946, 93.692 looks on a white background.

Color Contrast Check

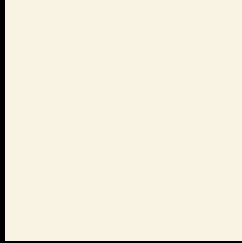
Large Text (above 18pt) WCAG AA × Fail

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, 7.946, 93.692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

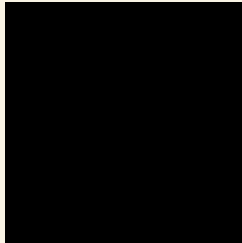
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

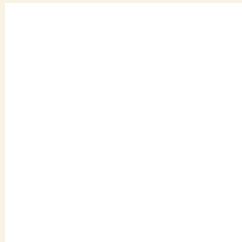
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 7.946, 93.692

Background



This preview shows how black text looks on a background with the CIELCh color 96, 7.946, 93.692.

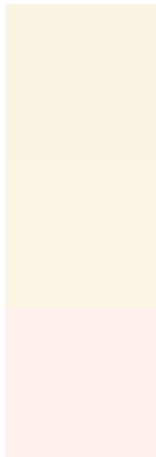


This preview shows how white text looks on a background with the CIELCh color 96, 7.946, 93.692.

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, 7.946, 93.692

Protanopia

96, 8.171, 88.760

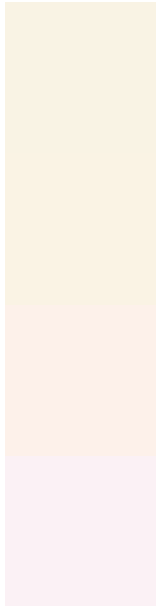
Deuteranopia

96, 5.464, 30.405



Tritanopia
96, 8.802, 319.044

Trichromacy



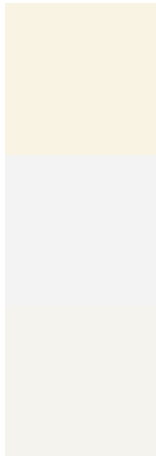
Original Color
96, 7.946, 93.692

Protanomaly
96, 8.051, 91.193

Deuteranomaly
96, 5.589, 59.246

Tritanomaly
96, 4.108, 349.643

Monochromacy



Original Color
96, 7.946, 93.692

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 2.638, 94.312

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 7.946, 93.692 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, 243, 228)` looks like.

```
.text, #text, p{  
    color:rgb(249, 243, 228)  
}
```

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, 243, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 243, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 7.946, 93.692 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, 243, 228) }
```

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

```
.border{ border-color:rgb(249, 243, 228) }
```

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

Here you see how a box with a 4 pixel rgb(249, 243, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 243, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 243, 228);  
box-shadow:4px 4px 4px 4px rgb(249, 243,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 7.946, 93.692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 243, 228) }
```

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

```
.background{ background-color: rgb(249,  
243, 228) }
```

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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