

Converting Colors

CIELCh(96, 5.723, 86.888)

Have a look what the booklet for
CIELCh(96, 5.723, 86.888) contains.

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Color

CIELCh(96, 5.999, 88.619)

Conversions

Conversions Part 1

Format	Color
Hex	F9F3E8
RGB	249, 243, 232
RGB Percent	98%, 95%, 91%
CMY	0.0238, 0.0473, 0.0905
CMYK	0.00, 0.02, 0.07, 0.02
HSL	39°, 58%, 94%
HSV	39°, 7%, 98%
XYZ	85.6266, 90.0078, 89.1527
YIQ	243.5400, 7.1070, -2.1490

Conversions

Conversions Part 2

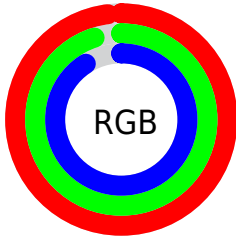
Format	Color
R _Y B	241, 249, 232
Decimal	16380904
CIE Lab	96.00, 0.14, 6.00
CIE LCh	96, 5.999, 88.619
Yxy	90.0078, 0.3234, 0.3399
Android (android.graphics.Color)	4294570984 (0xFF9F3E8)
YUV	243.5400, -5.6892, 4.7884
Hunter-Lab	94.8724, -4.9226, 10.6952

Details

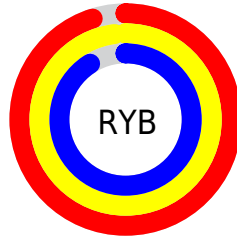
The CIELCh color **96, 5.999, 88.619** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 6.000, 270.486**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 6.310, 88.395** is the 20% darker color. If you saturate the color by 10%, you get **93, 14.982, 87.378**, and if you desaturate by 10%, it is **99, 1.927, 260.260**.

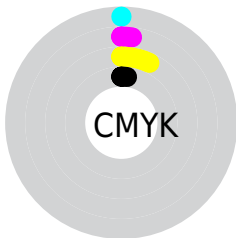
Distribution



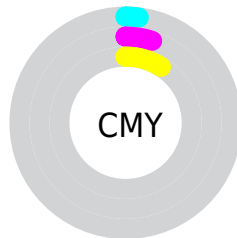
- Red (98%)
- Green (95%)
- Blue (91%)



- Red (95%)
- Yellow (98%)
- Blue (91%)



- Cyan (0%)
- Magenta (2%)
- Yellow (7%)
- Black (2%)



- Cyan (2%)
- Magenta (5%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 5.999, 88.619 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, 5.999, 88.619 by changing the saturation by 10% instead.

 96, 5.999, 88.619

 96, 5.999, 88.619

 100, 5.999, 88.619

 86, 5.999, 88.619

 76, 5.999, 88.619

 66, 5.999, 88.619

 56, 5.999, 88.619

 46, 5.999, 88.619

 36, 5.999, 88.619

 26, 5.999, 88.619

 16, 5.999, 88.619

 6, 5.999, 88.619

96, 5.999, 88.619

96, 5.999, 88.619

93, 14.982, 87.378

99, 1.927, 260.260

91, 24.172, 86.049

100, 2.105,
199.586

88, 33.543, 84.675

85, 43.027, 83.259

83, 52.470, 81.791

81, 61.578, 80.241

78, 69.810, 78.539

76, 76.317, 76.548

74, 80.148, 74.057

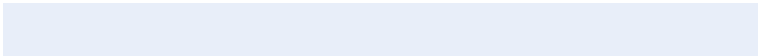
Harmonies

Complementary

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



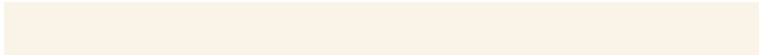
96, 5.999, 88.619



94, 6.000, 270.486

Rectangle

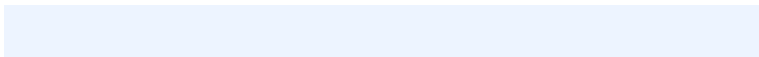
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



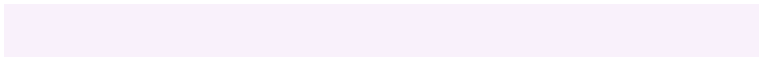
96, 5.999, 88.619



96, 5.999, 138.619



96, 5.999, 268.619



96, 5.999, 318.619

Sweetspot

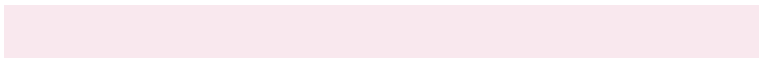
The Sweet Spot groups the original color and five complimentary colors.



96, 6.000, 88.642



99, 1.775, 89.127



93, 6.884, 352.062



53, 1.008, 89.130



0, 0.000, 0.000



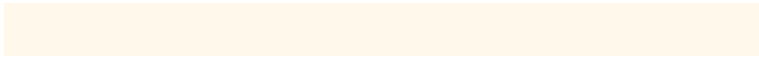
53, 0.007, 296.813

Same Dimension

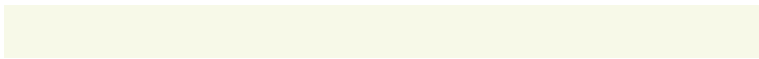
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 6.000, 88.642



98, 7.181, 88.498



97, 8.692, 114.886



51, 5.030, 88.315



57, 65.784, 73.770



18, 26.701, 76.521

Inverse Universe

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



94, 6.000, 270.486



95, 7.172, 270.643



93, 8.838, 295.957



49, 5.017, 270.846



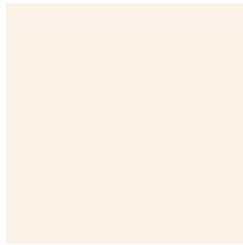
33, 75.717, 295.541



8, 29.659, 289.937

Previews

White Background



This preview shows how the CIE LCh color 96, 5.999, 88.619 looks on a white background.

Color Contrast Check

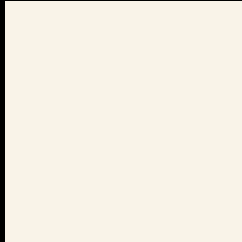
Large Text (above 18pt) WCAG AA × Fail

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, 5.999, 88.619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

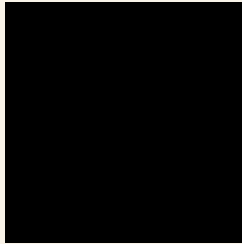
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

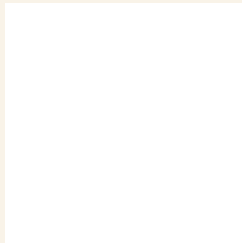
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 5.999, 88.619

Background



This preview shows how black text looks on a background with the CIELCh color 96, 5.999, 88.619.

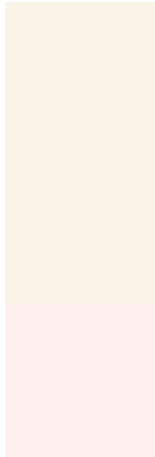


This preview shows how white text looks on a background with the CIELCh color 96, 5.999, 88.619.

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, 5.999, 88.619

Protanopia

96, 6.031, 77.201

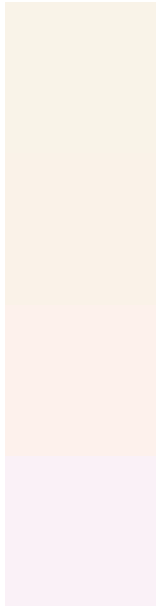
Deuteranopia

96, 5.387, 25.079



Tritanopia
96, 8.640, 317.002

Trichromacy



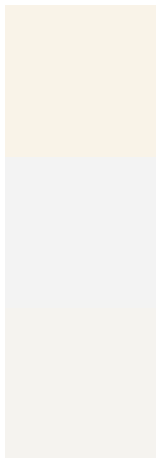
Original Color
96, 5.999, 88.619

Protanomaly
96, 5.845, 80.210

Deuteranomaly
96, 4.990, 50.281

Tritanomaly
96, 4.446, 335.825

Monochromacy



Original Color
96, 5.999, 88.619

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 2.149, 90.693

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 5.999, 88.619 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, 232)` looks like.

```
.text, #text, p{  
    color:rgb(249, 243, 232)  
}
```

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, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 243, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 5.999, 88.619 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, 232) }
```

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

```
.border{ border-color:rgb(249, 243, 232) }
```

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, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(249, 243, 232); -webkit-box-shadow:4px 4px 4px 4px rgb(249, 243, 232); box-shadow:4px 4px 4px 4px rgb(249, 243, 232) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 5.999, 88.619 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, 232) }
```

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

```
.background{ background-color: rgb(249,  
243, 232) }
```

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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