

Converting Colors

CIELCh(96, 4.951, 34.556)

Have a look what the booklet for
CIELCh(96, 4.951, 34.556) contains.

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Color

CIELCh(96, 4.889, 37.815)

Conversions

Conversions Part 1

Format	Color
Hex	FEF1EE
RGB	254, 241, 238
RGB Percent	100%, 95%, 93%
CMY	0.0046, 0.0556, 0.0673
CMYK	0.00, 0.05, 0.06, 0.00
HSL	11°, 87%, 96%
HSV	11°, 6%, 100%
XYZ	87.6195, 90.0078, 93.5098
YIQ	244.5450, 8.7110, 1.8230

Conversions

Conversions Part 2

Format	Color
R _Y B	254, 242, 238
Decimal	16708078
CIE Lab	96.00, 3.86, 3.00
CIE LCh	96, 4.889, 37.815
Yxy	90.0078, 0.3232, 0.3320
Android (android.graphics.Color)	4294898158 (0xFFFEF1EE)
YUV	244.5450, -3.2267, 8.2920
Hunter-Lab	94.8724, -1.1730, 7.9723

Details

The CIELCh color **96, 4.889, 37.815** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **98, 4.702, 218.338**, 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, 4.797, 39.219** is the 20% darker color. If you saturate the color by 10%, you get **90, 13.182, 37.863**, and if you desaturate by 10%, it is **100, 0.408, 201.005**.

Distribution



Red (100%)

Green (95%)

Blue (93%)



Red (100%)

Yellow (95%)

Blue (93%)



Cyan (0%)

Magenta (5%)

Yellow (6%)

Black (0%)



Cyan (0%)

Magenta (6%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 4.889, 37.815 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, 4.889, 37.815 by changing the saturation by 10% instead.



96, 4.889, 37.815

96, 4.889, 37.815

90, 13.182, 37.863

100, 0.408,
201.005

85, 22.186, 37.943

80, 31.942, 38.178

74, 42.460, 38.617

70, 53.687, 39.299

65, 65.460, 40.237

62, 77.404, 41.364

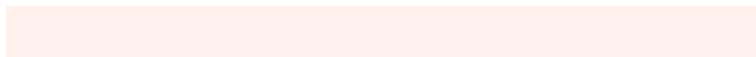
58, 88.667, 42.408

56, 97.456, 42.695

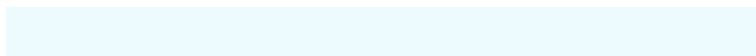
Harmonies

Complementary

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



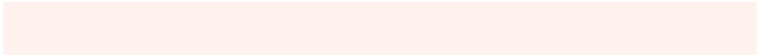
96, 4.889, 37.815



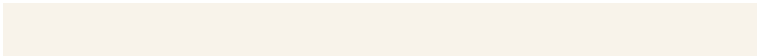
98, 4.702, 218.338

Rectangle

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



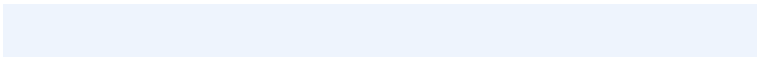
96, 4.889, 37.815



96, 4.889, 87.815



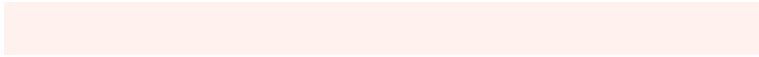
96, 4.889, 217.815



96, 4.889, 267.815

Sweetspot

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



96, 4.888, 37.846



99, 1.528, 37.611



96, 8.791, 330.300



53, 0.868, 37.590



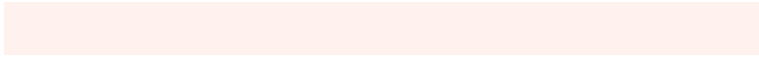
0, 0.000, 0.000



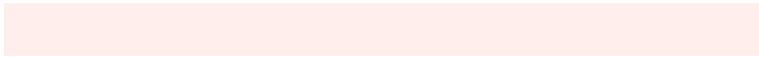
53, 0.007, 296.813

Same Dimension

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



96, 4.888, 37.846



95, 6.272, 37.856



98, 5.829, 91.610



50, 4.485, 37.859



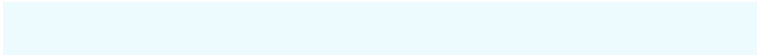
42, 80.393, 43.082



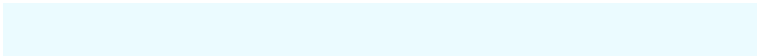
12, 30.160, 36.486

Inverse Universe

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



98, 4.702, 218.338



98, 5.964, 218.354



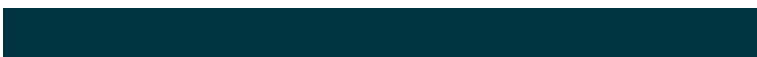
96, 5.847, 273.285



52, 4.222, 218.380



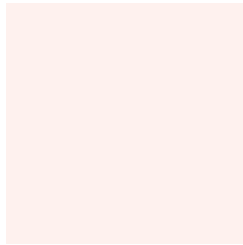
59, 35.216, 232.994



19, 16.134, 228.046

Previews

White Background



This preview shows how the CIE LCh color 96, 4.889, 37.815 looks on a white background.

Color Contrast Check

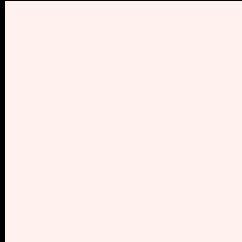
Large Text (above 18pt) WCAG AA × Fail

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, 4.889, 37.815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

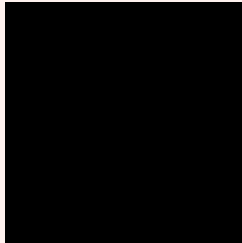
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

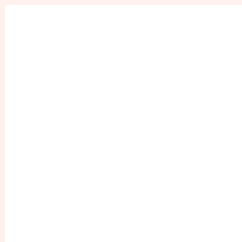
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 4.889, 37.815

Background



This preview shows how black text looks on a background with the CIELCh color 96, 4.889, 37.815.

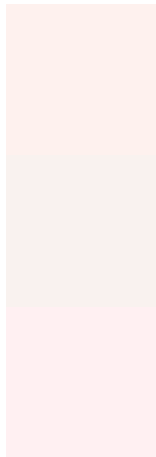


This preview shows how white text looks on a background with the CIELCh color 96, 4.889, 37.815.

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, 4.889, 37.815

Protanopia

96, 2.910, 51.087

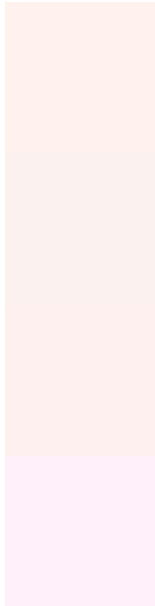
Deuteranopia

96, 5.448, 8.855



Tritanopia
96, 9.976, 324.758

Trichromacy



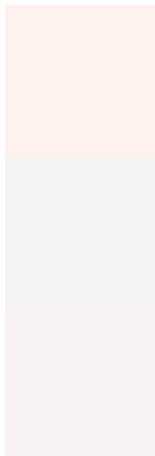
Original Color
96, 4.889, 37.815

Protanomaly
96, 3.542, 45.031

Deuteranomaly
96, 5.358, 19.646

Tritanomaly
96, 7.049, 339.013

Monochromacy



Original Color
96, 4.889, 37.815

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 1.836, 35.320

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 4.889, 37.815 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(254, 241, 238)` looks like.

```
.text, #text, p{  
    color:rgb(254, 241, 238)  
}
```

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(254, 241, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 241, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 4.889, 37.815 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(254, 241, 238) }
```

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

```
.border{ border-color:rgb(254, 241, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 241, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 241, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 241, 238);  
box-shadow:4px 4px 4px 4px rgb(254, 241,  
238) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 4.889, 37.815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 241, 238) }
```

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

```
.background{ background-color: rgb(254,  
241, 238) }
```

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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