

Converting Colors

CIELCh(99, 19.897, 50.798)

Have a look what the booklet for
CIELCh(99, 19.897, 50.798) contains.

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Color

CIELCh(96, 11.099, 86.015)

Conversions

Conversions Part 1

Format	Color
Hex	FEF2DE
RGB	254, 242, 222
RGB Percent	100%, 95%, 87%
CMY	0.0032, 0.0502, 0.1286
CMYK	0.00, 0.05, 0.13, 0.00
HSL	38°, 95%, 93%
HSV	38°, 13%, 100%
XYZ	85.9604, 90.0078, 82.0934
YIQ	243.3080, 13.5720, -3.6760

Conversions

Conversions Part 2

Format	Color
R _Y B	241, 254, 222
Decimal	16708318
CIE Lab	96.00, 0.77, 11.07
CIE LCh	96, 11.099, 86.015
Yxy	90.0078, 0.3331, 0.3488
Android (android.graphics.Color)	4294898398 (0xFFFEF2DE)
YUV	243.3080, -10.5048, 9.3769
Hunter-Lab	94.8724, -4.2945, 15.1069

Details

The CIELCh color **96, 11.099, 86.015** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **92, 11.010, 269.425**, 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, 11.044, 86.422** is the 20% darker color. If you saturate the color by 10%, you get **93, 20.202, 84.714**, and if you desaturate by 10%, it is **99, 2.238, 87.197**.

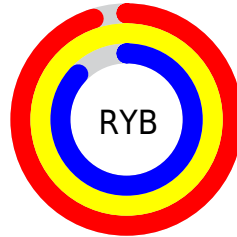
Distribution



Red (100%)

Green (95%)

Blue (87%)



Red (95%)

Yellow (100%)

Blue (87%)



Cyan (0%)

Magenta (5%)

Yellow (13%)

Black (0%)



Cyan (0%)

Magenta (5%)

Yellow (13%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 11.099, 86.015 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, 11.099, 86.015 by changing the saturation by 10% instead.

 96, 11.099, 86.015

 96, 11.099, 86.015

 100, 11.099,
86.015

 86, 11.099, 86.015

 76, 11.099, 86.015

 66, 11.099, 86.015

 56, 11.099, 86.015

 46, 11.099, 86.015

 36, 11.099, 86.015

 26, 11.099, 86.015

 16, 11.099, 86.015

 6, 11.099, 86.015

96, 11.099, 86.015

96, 11.099, 86.015

93, 20.202, 84.714

99, 2.238, 87.197

90, 29.535, 83.350

100, 0.284,
201.722

88, 39.056, 81.946

85, 48.664, 80.495

82, 58.143, 78.976

80, 67.074, 77.334

77, 74.731, 75.452

75, 80.099, 73.126

73, 82.420, 71.050

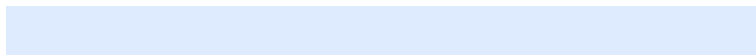
Harmonies

Complementary

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



96, 11.099, 86.015



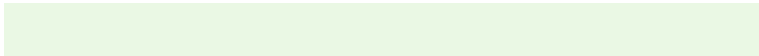
92, 11.010, 269.425

Rectangle

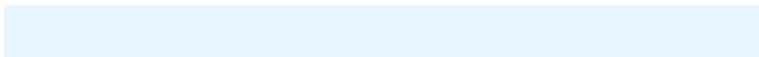
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 11.099, 86.015



96, 11.099, 136.015



96, 11.099, 266.015



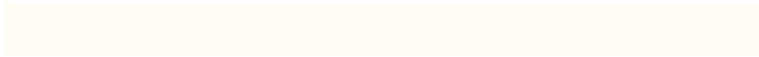
96, 11.099, 316.015

Sweetspot

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



96, 11.100, 86.028



99, 3.491, 87.069



91, 13.150, 351.601



53, 2.485, 86.989



0, 0.000, 0.000



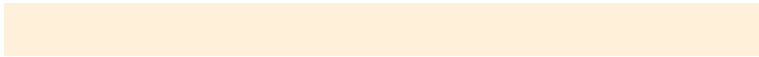
53, 0.007, 296.813

Same Dimension

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



96, 11.100, 86.028



96, 13.316, 85.715



99, 16.257, 113.759



52, 5.007, 86.418



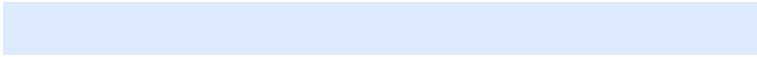
57, 66.509, 71.655



18, 27.609, 74.349

Inverse Universe

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



92, 11.010, 269.425



91, 13.178, 269.795



90, 16.726, 295.847



50, 4.982, 268.980



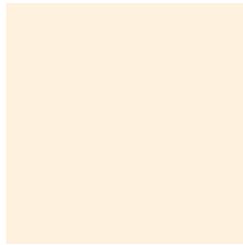
35, 73.755, 294.208



9, 29.594, 288.708

Previews

White Background



This preview shows how the CIE LCh color 96, 11.099, 86.015 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 CIELCh color 96, 11.099, 86.015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

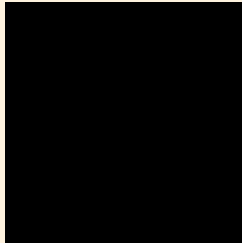
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 11.099, 86.015

Background



This preview shows how black text looks on a background with the CIELCh color 96, 11.099, 86.015.

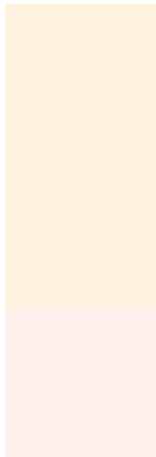


This preview shows how white text looks on a background with the CIELCh color 96, 11.099, 86.015.

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, 11.108, 86.009

Protanopia

96, 11.313, 90.417

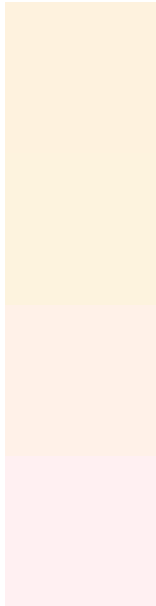
Deuteranopia

96, 5.410, 41.752



Tritanopia
96, 9.153, 328.376

Trichromacy



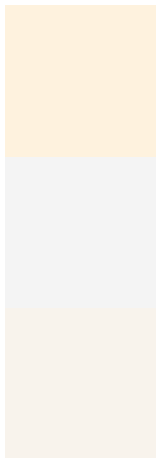
Original Color
96, 11.108, 86.009

Protanomaly
96, 11.313, 90.417

Deuteranomaly
96, 6.821, 61.861

Tritanomaly
96, 5.448, 8.855

Monochromacy



Original Color
96, 11.108, 86.009

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 3.978, 83.171

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 11.099, 86.015 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, 242, 222)` looks like.

```
.text, #text, p{  
    color:rgb(254, 242, 222)  
}
```

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, 242, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 242, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 11.099, 86.015 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, 242, 222) }
```

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

```
.border{ border-color:rgb(254, 242, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 242, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 242, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 242, 222);  
box-shadow:4px 4px 4px 4px rgb(254, 242,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 11.099, 86.015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 242, 222) }
```

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

```
.background{ background-color: rgb(254,  
242, 222) }
```

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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