

Converting Colors

CIELCh(100, 29.033, 59.834)

Have a look what the booklet for
CIELCh(100, 29.033, 59.834)
contains.

CIELCh(96, 19.290, 96.346)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(96, 19.290, 96.346)

Conversions

Conversions Part 1

Format	Color
Hex	FEF3CE
RGB	254, 243, 206
RGB Percent	100%, 95%, 81%
CMY	0.0022, 0.0453, 0.1903
CMYK	0.00, 0.04, 0.19, 0.00
HSL	46°, 98%, 90%
HSV	46°, 19%, 100%
XYZ	84.4212, 90.0078, 71.6153
YIQ	242.0710, 18.4330, -9.1750

Conversions

Conversions Part 2

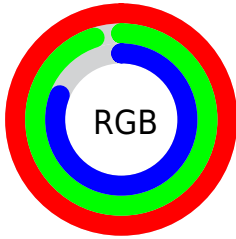
Format	Color
R_{YB}	220, 254, 206
Decimal	16708558
CIE _{Lab}	96.00, -2.13, 19.17
CIE _{LCh}	96, 19.290, 96.346
Yxy	90.0078, 0.3431, 0.3658
Android (android.graphics.Color)	4294898638 (0xFFFEF3CE)
YUV	242.0710, -17.7830, 10.4617
Hunter-Lab	94.8724, -7.1905, 21.6551

Details

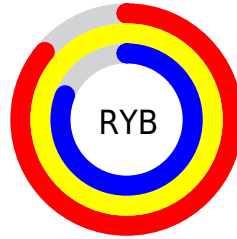
The CIELCh color **96, 19.290, 96.346** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **87, 19.610, 281.126**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 19.145, 96.352** is the 20% darker color. If you saturate the color by 10%, you get **94, 29.639, 95.115**, and if you desaturate by 10%, it is **98, 9.009, 97.548**.

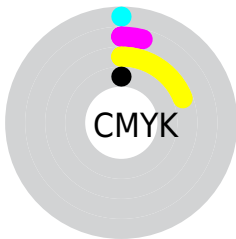
Distribution



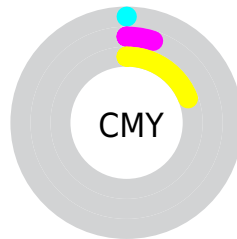
- Red (100%)
- Green (95%)
- Blue (81%)



- Red (86%)
- Yellow (100%)
- Blue (81%)



- Cyan (0%)
- Magenta (4%)
- Yellow (19%)
- Black (0%)



- Cyan (0%)
- Magenta (5%)
- Yellow (19%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 19.290, 96.346 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, 19.290, 96.346 by changing the saturation by 10% instead.

 96, 19.290, 96.346

 96, 19.290, 96.346

 100, 19.290,
96.346

 86, 19.290, 96.346

 76, 19.290, 96.346

 66, 19.290, 96.346

 56, 19.290, 96.346

 46, 19.290, 96.346

 36, 19.290, 96.346

 26, 19.290, 96.346

 16, 19.290, 96.346

 6, 19.290, 96.346

96, 19.290, 96.346

96, 19.290, 96.346

94, 29.639, 95.115

98, 9.009, 97.548

92, 39.976, 93.845

100, 0.191,
202.856

90, 50.166, 92.548

89, 59.962, 91.226

87, 68.944, 89.869

85, 76.454, 88.445

84, 81.640, 86.890

82, 83.974, 85.117

82, 84.163, 84.908

Harmonies

Complementary

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



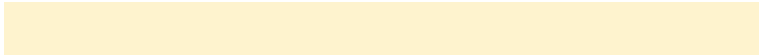
96, 19.290, 96.346



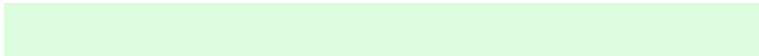
87, 19.610, 281.126

Rectangle

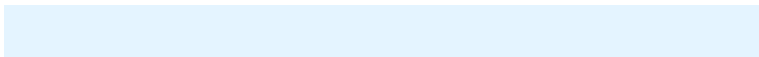
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 19.290, 96.346



96, 19.290, 146.346



96, 19.290, 276.346



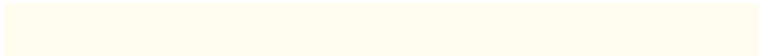
96, 19.290, 326.346

Sweetspot

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



96, 19.292, 96.353



99, 6.102, 97.874



87, 18.610, 2.662



53, 4.050, 97.800



0, 0.000, 0.000



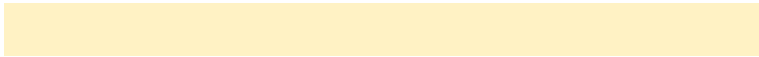
53, 0.007, 296.813

Same Dimension

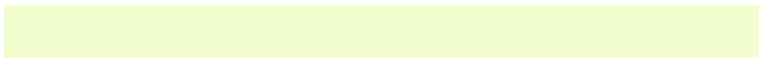
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 19.292, 96.353



95, 23.617, 95.844



98, 24.748, 119.385



52, 5.797, 97.472



63, 67.999, 85.264



21, 29.861, 87.566

Inverse Universe

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



87, 19.610, 281.126



84, 24.099, 281.783



85, 25.712, 301.826



50, 5.852, 279.800



28, 91.396, 301.494



6, 36.529, 296.673

Previews

White Background



This preview shows how the CIE LCh color 96, 19.290, 96.346 looks on a white background.

Color Contrast Check

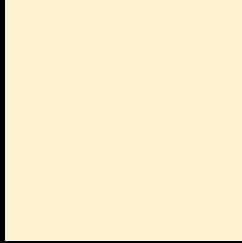
Large Text (above 18pt) WCAG AA × Fail

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, 19.290, 96.346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

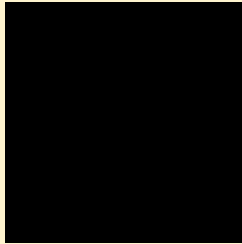
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 19.290, 96.346

Background



This preview shows how black text looks on a background with the CIELCh color 96, 19.290, 96.346.

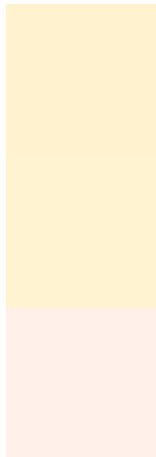


This preview shows how white text looks on a background with the CIELCh color 96, 19.290, 96.346.

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, 19.305, 96.338

Protanopia

96, 17.410, 93.928

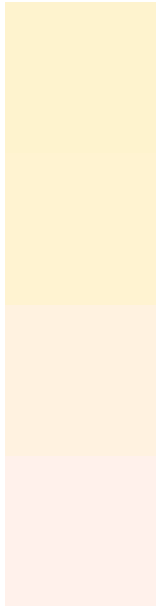
Deuteranopia

96, 6.168, 54.948



Tritanopia
96, 8.376, 332.702

Trichromacy



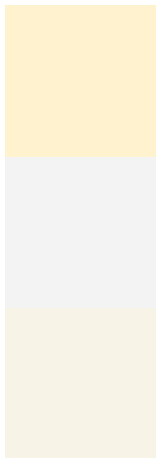
Original Color
96, 19.305, 96.338

Protanomaly
96, 17.904, 94.288

Deuteranomaly
96, 10.336, 82.024

Tritanomaly
96, 5.882, 50.939

Monochromacy



Original Color
96, 19.305, 96.338

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 6.781, 97.366

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 19.290, 96.346 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, 243, 206)` looks like.

```
.text, #text, p{  
    color:rgb(254, 243, 206)  
}
```

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, 243, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 243, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 19.290, 96.346 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, 243, 206) }
```

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

```
.border{ border-color:rgb(254, 243, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 243, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 243, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 243, 206);  
box-shadow:4px 4px 4px 4px rgb(254, 243,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 19.290, 96.346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 243, 206) }
```

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

```
.background{ background-color: rgb(254,  
243, 206) }
```

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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