

Converting Colors

CIELCh(96, 20.260, 95.387)

Have a look what the booklet for
CIELCh(96, 20.260, 95.387) contains.

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Color

CIELCh(96, 19.886, 95.529)

Conversions

Conversions Part 1

Format	Color
Hex	FFF3CD
RGB	255, 243, 205
RGB Percent	100%, 95%, 80%
CMY	0.0000, 0.0459, 0.1950
CMYK	0.00, 0.05, 0.19, 0.00
HSL	46°, 100%, 90%
HSV	46°, 19%, 100%
XYZ	84.5351, 90.0078, 70.8501
YIQ	242.2560, 19.3500, -9.2740

Conversions

Conversions Part 2

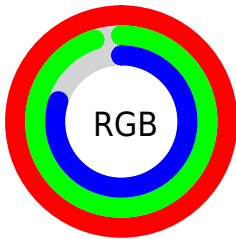
Format	Color
R _Y B	221, 255, 205
Decimal	16774093
CIE Lab	96.00, -1.92, 19.79
CIE LCh	96, 19.886, 95.529
Yxy	90.0078, 0.3445, 0.3668
Android (android.graphics.Color)	4294964173 (0xFFFFF3CD)
YUV	242.2560, -18.3672, 11.1765
Hunter-Lab	94.8724, -6.9761, 22.1333

Details

The CIELCh color **96, 19.886, 95.529** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **87, 20.179, 280.821**, 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, 19.755, 95.461** is the 20% darker color. If you saturate the color by 10%, you get **94, 30.174, 94.597**, and if you desaturate by 10%, it is **98, 9.620, 97.049**.

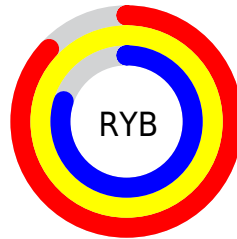
Distribution



Red (100%)

Green (95%)

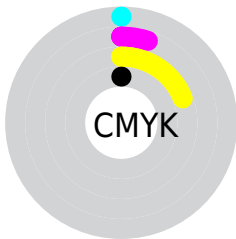
Blue (80%)



Red (87%)

Yellow (100%)

Blue (80%)

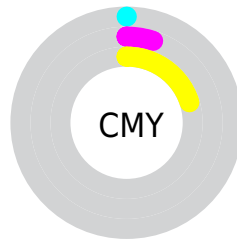


Cyan (0%)

Magenta (5%)

Yellow (19%)

Black (0%)



Cyan (0%)

Magenta (5%)

Yellow (20%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 19.886, 95.529 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, 19.886, 95.529 by changing the saturation by 10% instead.

 96, 19.886, 95.529

 96, 19.886, 95.529

 100, 19.886,
95.529

 86, 19.886, 95.529

 76, 19.886, 95.529

 66, 19.886, 95.529

 56, 19.886, 95.529

 46, 19.886, 95.529

 36, 19.886, 95.529

 26, 19.886, 95.529

 16, 19.886, 95.529

 6, 19.886, 95.529

96, 19.886, 95.529

96, 19.886, 95.529

94, 30.174, 94.597

98, 9.620, 97.049

92, 40.479, 93.316

100, 0.012,
296.813

90, 50.636, 92.008

88, 60.393, 90.672

87, 69.317, 89.295

85, 76.735, 87.841

84, 81.782, 86.238

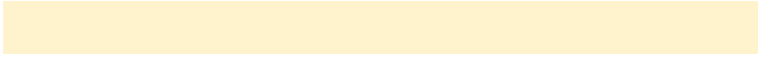
82, 84.021, 84.403

82, 84.106, 84.309

Harmonies

Complementary

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



96, 19.886, 95.529



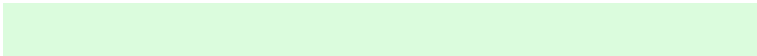
87, 20.179, 280.821

Rectangle

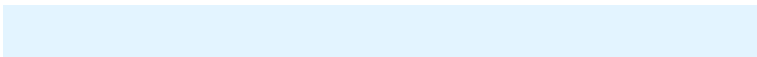
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 19.886, 95.529



96, 19.886, 145.529



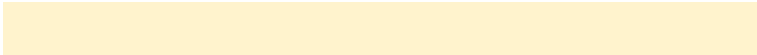
96, 19.886, 275.529



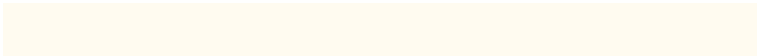
96, 19.886, 325.529

Sweetspot

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



96, 19.863, 95.845



99, 6.060, 97.452



87, 19.421, 1.519



53, 4.022, 97.378



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

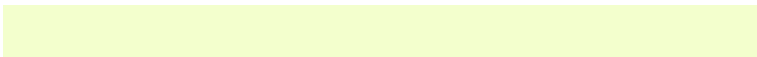
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 19.863, 95.845



95, 23.468, 95.412



98, 25.571, 118.676



52, 5.758, 97.048



63, 67.839, 84.680



21, 29.732, 87.031

Inverse Universe

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



87, 20.179, 280.821



85, 23.914, 281.381



85, 26.622, 301.286



50, 5.809, 279.389



29, 90.681, 301.250



6, 36.264, 296.441

Previews

White Background



This preview shows how the CIE LCh color 96, 19.886, 95.529 looks on a white background.

Color Contrast Check

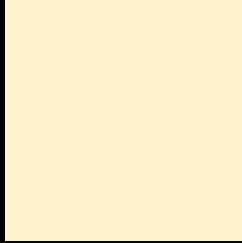
Large Text (above 18pt) WCAG AA × Fail

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, 19.886, 95.529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

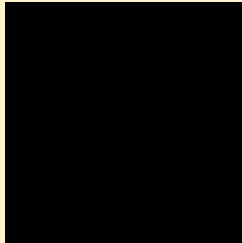
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 19.886, 95.529

Background



This preview shows how black text looks on a background with the CIELCh color 96, 19.886, 95.529.



This preview shows how white text looks on a background with the CIELCh color 96, 19.886, 95.529.

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, 19.886, 95.529

Protanopia

96, 17.410, 93.928

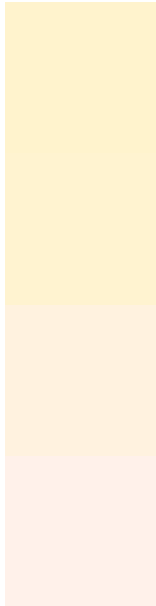
Deuteranopia

96, 6.483, 58.581



Tritanopia
96, 8.376, 332.702

Trichromacy



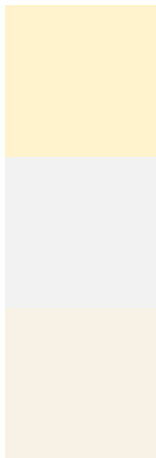
Original Color
96, 19.886, 95.529

Protanomaly
96, 18.398, 94.627

Deuteranomaly
96, 10.796, 83.201

Tritanomaly
96, 6.168, 54.948

Monochromacy



Original Color
96, 19.886, 95.529

Achromatopsia
95, 0.011, 296.813

Achromatomaly
96, 6.870, 94.403

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 19.886, 95.529 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(255, 243, 205)` looks like.

```
.text, #text, p{  
    color:rgb(255, 243, 205)  
}
```

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(255, 243, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 243, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 19.886, 95.529 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(255, 243, 205) }
```

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

```
.border{ border-color:rgb(255, 243, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 243, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 243, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 243, 205);  
box-shadow:4px 4px 4px 4px rgb(255, 243,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 19.886, 95.529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 243, 205) }
```

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

```
.background{ background-color: rgb(255,  
243, 205) }
```

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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