

Converting Colors

CIELCh(97, 24.718, 86.955)

Have a look what the booklet for
CIELCh(97, 24.718, 86.955) contains.

CIELCh(96, 23.277, 98.056)	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, 23.277, 98.056)

Conversions

Conversions Part 1

Format	Color
Hex	FFF4C7
RGB	255, 244, 199
RGB Percent	100%, 96%, 78%
CMY	0.0004, 0.0435, 0.2199
CMYK	0.00, 0.04, 0.22, 0.00
HSL	48°, 100%, 89%
HSV	48°, 22%, 100%
XYZ	83.8272, 90.0078, 66.9341
YIQ	242.1590, 21.0010, -11.6630

Conversions

Conversions Part 2

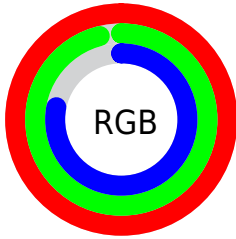
Format	Color
R _Y B	213, 255, 199
Decimal	16774343
CIE Lab	96.00, -3.26, 23.05
CIE LCh	96, 23.277, 98.056
Yxy	90.0078, 0.3482, 0.3738
Android (android.graphics.Color)	4294964423 (0xFFFFF4C7)
YUV	242.1590, -21.2774, 11.2616
Hunter-Lab	94.8724, -8.3081, 24.5806

Details

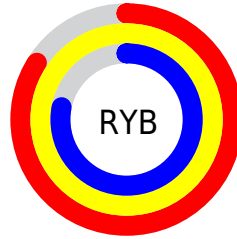
The CIELCh color **96, 23.277, 98.056** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **85, 23.875, 283.561**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 23.301, 98.005** is the 20% darker color. If you saturate the color by 10%, you get **94, 33.929, 96.852**, and if you desaturate by 10%, it is **98, 12.637, 99.239**.

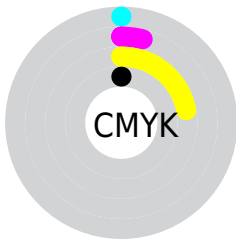
Distribution



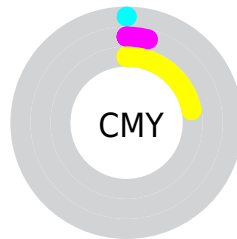
- Red (100%)
- Green (96%)
- Blue (78%)



- Red (84%)
- Yellow (100%)
- Blue (78%)



- Cyan (0%)
- Magenta (4%)
- Yellow (22%)
- Black (0%)



- Cyan (0%)
- Magenta (4%)
- Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 23.277, 98.056 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, 23.277, 98.056 by changing the saturation by 10% instead.

 96, 23.277, 98.056

 96, 23.277, 98.056

 100, 23.277,
98.056

 86, 23.277, 98.056

 76, 23.277, 98.056

 66, 23.277, 98.056

 56, 23.277, 98.056

 46, 23.277, 98.056

 36, 23.277, 98.056

 26, 23.277, 98.056

 16, 23.277, 98.056

 6, 23.277, 98.056

96, 23.277, 98.056

96, 23.277, 98.056

94, 33.929, 96.852

98, 12.637, 99.239

93, 44.485, 95.619

100, 2.058,
100.312

91, 54.767, 94.370

100, 0.033,
219.908

90, 64.464, 93.110

88, 73.074, 91.831

87, 79.864, 90.511

85, 84.024, 89.095

84, 85.421, 87.855

Harmonies

Complementary

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



96, 23.277, 98.056



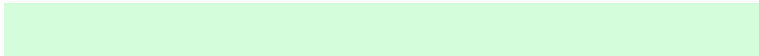
85, 23.875, 283.561

Rectangle

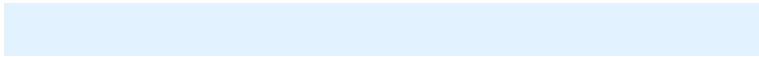
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 23.277, 98.056



96, 23.277, 148.056



96, 23.277, 278.056



96, 23.277, 328.056

Sweetspot

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



96, 23.279, 98.062



99, 7.375, 99.804



85, 21.649, 5.535



53, 4.794, 99.737



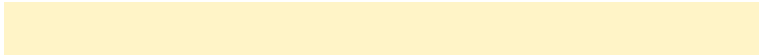
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

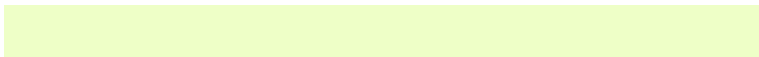
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 23.279, 98.062



95, 27.586, 97.577



98, 28.997, 120.519



52, 5.999, 99.522



65, 68.926, 88.151



22, 30.549, 90.178

Inverse Universe

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



85, 23.875, 283.561



82, 28.444, 284.217



83, 30.276, 303.237



49, 6.070, 281.787



27, 94.835, 302.620



6, 37.787, 297.718

Previews

White Background



This preview shows how the CIELCh color 96, 23.277, 98.056 looks on a white background.

Color Contrast Check

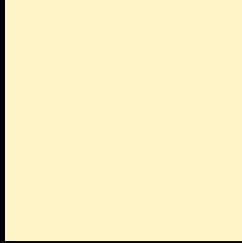
Large Text (above 18pt) WCAG AA × Fail

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, 23.277, 98.056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

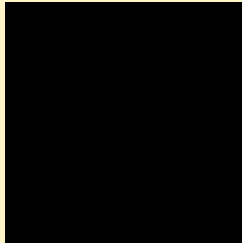
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 23.277, 98.056

Background



This preview shows how black text looks on a background with the CIELCh color 96, 23.277, 98.056.

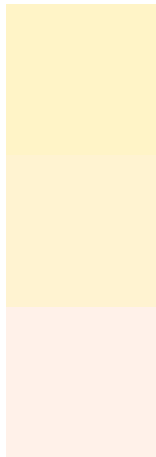


This preview shows how white text looks on a background with the CIELCh color 96, 23.277, 98.056.

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, 23.277, 98.056

Protanopia

96, 17.904, 94.288

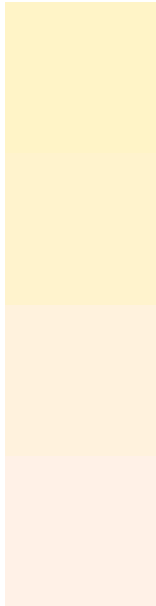
Deuteranopia

96, 6.483, 58.581



Tritanopia
96, 8.008, 335.179

Trichromacy



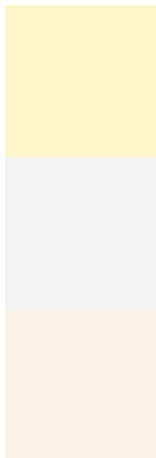
Original Color
96, 23.277, 98.056

Protanomaly
96, 19.886, 95.529

Deuteranomaly
96, 11.728, 85.266

Tritanomaly
96, 7.181, 64.819

Monochromacy



Original Color
96, 23.277, 98.056

Achromatopsia
95, 0.011, 296.813

Achromatomaly
96, 8.791, 99.988

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 23.277, 98.056 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, 244, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 244, 199)  
}
```

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, 244, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 244, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 23.277, 98.056 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, 244, 199) }
```

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

```
.border{ border-color:rgb(255, 244, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 244, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 244, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 244, 199);  
box-shadow:4px 4px 4px 4px rgb(255, 244,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 23.277, 98.056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 244, 199) }
```

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

```
.background{ background-color: rgb(255,  
244, 199) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor