

Converting Colors

CIELCh(96, 22.896, 108.388)

Have a look what the booklet for
CIELCh(96, 22.896, 108.388)
contains.

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Color

CIElCh(96, 22.879, 108.395)

Conversions

Conversions Part 1

Format	Color
Hex	F6F6C9
RGB	246, 246, 201
RGB Percent	96%, 96%, 79%
CMY	0.0339, 0.0339, 0.2105
CMYK	0.00, 0.00, 0.18, 0.03
HSL	60°, 72%, 88%
HSV	60°, 18%, 97%
XYZ	81.7685, 90.0078, 68.5256
YIQ	240.8700, 14.4450, -13.9950

Conversions

Conversions Part 2

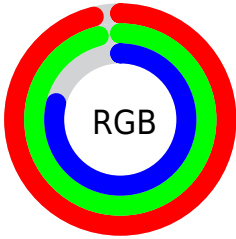
Format	Color
R_{YB}	201, 246, 201
Decimal	16185033
CIE _{Lab}	96.00, -7.22, 21.71
CIE _{LCh}	96, 22.879, 108.395
Yxy	90.0078, 0.3403, 0.3746
Android (android.graphics.Color)	4294375113 (0xFFFF6F6C9)
YUV	240.8700, -19.6559, 4.4990
Hunter-Lab	94.8724, -12.1814, 23.5860

Details

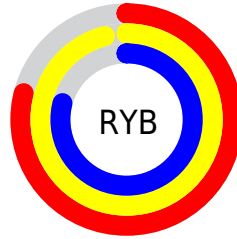
The CIELCh color **96, 22.879, 108.395** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **82, 23.871, 292.233**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 22.915, 109.004** is the 20% darker color. If you saturate the color by 10%, you get **96, 35.220, 107.425**, and if you desaturate by 10%, it is **97, 10.384, 109.374**.

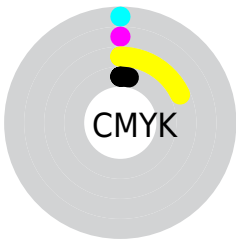
Distribution



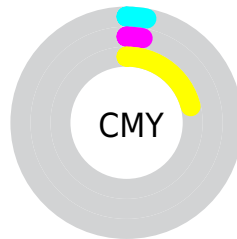
- Red (96%)
- Green (96%)
- Blue (79%)



- Red (79%)
- Yellow (96%)
- Blue (79%)



- Cyan (0%)
- Magenta (0%)
- Yellow (18%)
- Black (3%)





- Cyan (3%)
- Magenta (3%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 22.879, 108.395 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, 22.879, 108.395 by changing the saturation by 10% instead.


 96, 22.879,
108.395


 96, 22.879,
108.395


 100, 22.879,
108.395


 86, 22.879,
108.395

 76, 22.879,
108.395

 66, 22.879,
108.395

 56, 22.879,
108.395

 46, 22.879,
108.395

 36, 22.879,
108.395

 26, 22.879,

108.395

■ 16, 22.879,
108.395

■ 6, 22.879, 108.395

■ 96, 22.879,
108.395

■ 96, 22.879,
108.395

■ 96, 35.220,
107.425

■ 97, 10.384,
109.374

■ 95, 47.265,
106.471

■ 97, 2.183, 290.381

■ 95, 58.807,
105.560

■ 97, 4.430, 290.539

■ 97, 4.430, 290.547

■ 95, 69.523,
104.725

■ 97, 4.430, 290.554

94, 78.950,
104.004

97, 4.430, 290.562

94, 86.498,
103.437

97, 4.430, 290.570

94, 91.602,
103.061

97, 4.430, 290.577

94, 94.104,
102.878

97, 4.430, 290.585

94, 94.409,
102.856

Harmonies

Complementary

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



96, 22.879, 108.395



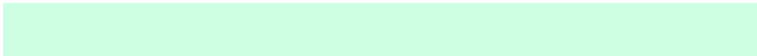
82, 23.871, 292.233

Rectangle

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



96, 22.879, 108.395



96, 22.879, 158.395



96, 22.879, 288.395



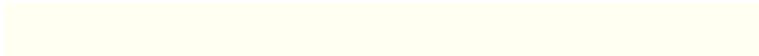
96, 22.879, 338.395

Sweetspot

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



96, 22.881, 108.400



100, 6.453, 109.686



85, 17.002, 20.685



53, 4.403, 109.619



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, 22.881, 108.400



99, 28.283, 108.032



94, 24.470, 128.237



51, 7.096, 109.257



73, 76.500, 102.856



24, 33.186, 103.182

Inverse Universe

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



82, 23.871, 292.233



82, 29.788, 292.738



84, 25.093, 309.922



47, 7.256, 291.172



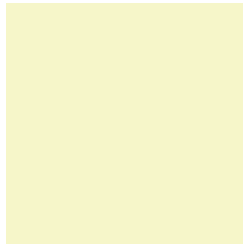
22, 105.633, 306.287



3, 39.905, 299.771

Previews

White Background



This preview shows how the CIE LCh color 96, 22.879, 108.395 looks on a white background.

Color Contrast Check

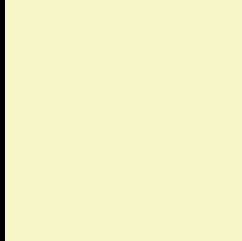
Large Text (above 18pt) WCAG AA × Fail

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, 22.879, 108.395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

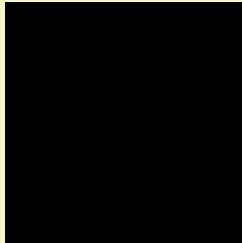
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 22.879, 108.395

Background



This preview shows how black text looks on a background with the CIELCh color 96, 22.879, 108.395.

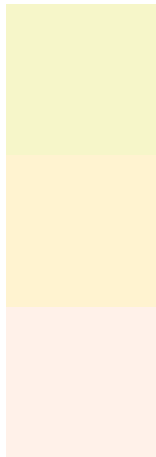


This preview shows how white text looks on a background with the CIELCh color 96, 22.879, 108.395.

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, 22.879, 108.395

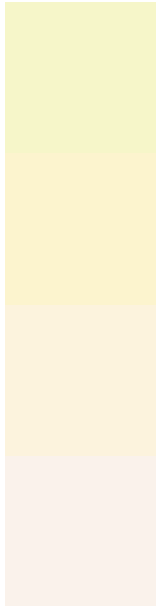
Protanopia
96, 18.398, 94.627

Deuteranopia
96, 6.483, 58.581



Tritanopia
96, 9.425, 319.438

Trichromacy



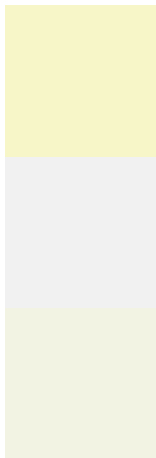
Original Color
96, 22.879, 108.395

Protanomaly
96, 19.583, 99.849

Deuteranomaly
96, 11.690, 92.880

Tritanomaly
96, 4.563, 70.917

Monochromacy



Original Color
96, 22.879, 108.395

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 8.173, 109.534

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 22.879, 108.395 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(246, 246, 201)` looks like.

```
.text, #text, p{  
    color:rgb(246, 246, 201)  
}
```

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(246, 246, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 246, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 22.879, 108.395 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(246, 246, 201) }
```

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

```
.border{ border-color:rgb(246, 246, 201) }
```

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

Here you see how a box with a 4 pixel rgb(246, 246, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 246, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 246, 201);  
box-shadow:4px 4px 4px 4px rgb(246, 246,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 22.879, 108.395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 246, 201) }
```

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

```
.background{ background-color: rgb(246,  
246, 201) }
```

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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