

Converting Colors

CIELCh(96, 19.099, 116.116)

Have a look what the booklet for
CIELCh(96, 19.099, 116.116)
contains.

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Color

CIELCh(96, 18.973, 115.432)

Conversions

Conversions Part 1

Format	Color
Hex	F1F7D2
RGB	241, 247, 210
RGB Percent	95%, 97%, 82%
CMY	0.0543, 0.0307, 0.1759
CMYK	0.02, 0.00, 0.15, 0.03
HSL	70°, 70%, 90%
HSV	70°, 15%, 97%
XYZ	81.2908, 90.0078, 74.1615
YIQ	240.9880, 8.3010, -12.7790

Conversions

Conversions Part 2

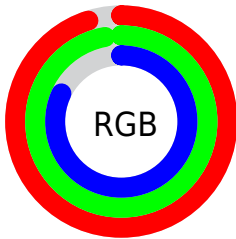
Format	Color
R_{YB}	210, 247, 216
Decimal	15857618
CIE _{Lab}	96.00, -8.15, 17.13
CIE _{LCh}	96, 18.973, 115.432
Y _{xy}	90.0078, 0.3312, 0.3667
Android (android.graphics.Color)	4294047698 (0xFFFF1F7D2)
YUV	240.9880, -15.2771, 0.0105
Hunter-Lab	94.8724, -13.0802, 20.0639

Details

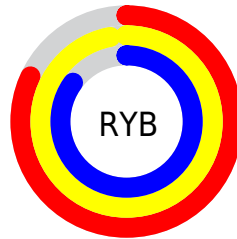
The CIELCh color **96, 18.973, 115.432** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **86, 19.611, 297.742**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 19.360, 115.352** is the 20% darker color. If you saturate the color by 10%, you get **95, 31.522, 114.692**, and if you desaturate by 10%, it is **97, 6.308, 116.174**.

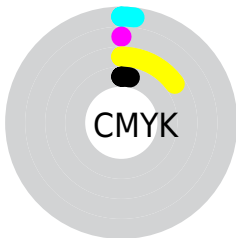
Distribution



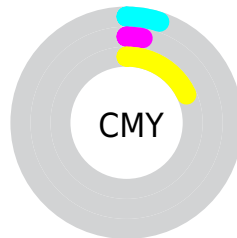
- Red (95%)
- Green (97%)
- Blue (82%)



- Red (82%)
- Yellow (97%)
- Blue (85%)



- Cyan (2%)
- Magenta (0%)
- Yellow (15%)
- Black (3%)





- Cyan (5%)
- Magenta (3%)
- Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 18.973, 115.432 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, 18.973, 115.432 by changing the saturation by 10% instead.

 96, 18.973,
115.432


 96, 18.973,
115.432


 100, 18.973,
115.432


 86, 18.973,
115.432

 76, 18.973,
115.432

 66, 18.973,
115.432

 56, 18.973,
115.432

 46, 18.973,
115.432

 36, 18.973,
115.432

 26, 18.973,

115.432

■ 16, 18.973,
115.432

■ 6, 18.973, 115.432

■ 96, 18.973,
115.432

■ 96, 18.973,
115.432

■ 95, 31.522,
114.692

■ 97, 6.308, 116.174

■ 95, 43.830,
113.960

■ 98, 4.081, 300.366

■ 98, 4.549, 317.959

■ 94, 55.721,
113.269

■ 98, 4.878, 324.548

■ 93, 66.920,
112.661

■ 93, 77.025,
112.195

■ 92, 85.493,
111.948

■ 92, 91.725,
112.006

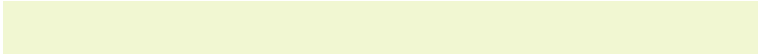
■ 92, 95.332,
112.436

■ 92, 96.385,
112.762

Harmonies

Complementary

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



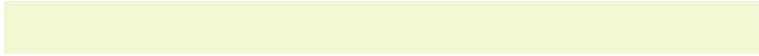
96, 18.973, 115.432



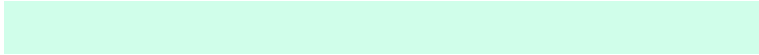
86, 19.611, 297.742

Rectangle

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



96, 18.973, 115.432



96, 18.973, 165.432



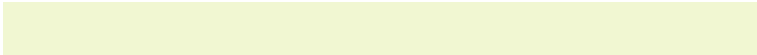
96, 18.973, 295.432



96, 18.973, 345.432

Sweetspot

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



96, 18.975, 115.437



100, 5.201, 116.244



89, 12.084, 33.911



53, 3.698, 116.190



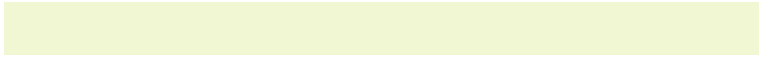
0, 0.000, 0.000



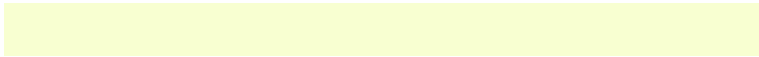
53, 0.007, 296.813

Same Dimension

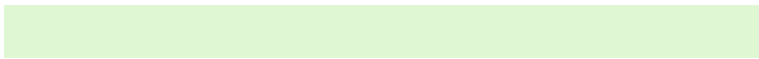
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 18.975, 115.437



98, 23.373, 115.209



95, 20.902, 133.482



51, 7.153, 115.844



71, 77.861, 112.600



23, 33.563, 111.978

Inverse Universe

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



86, 19.611, 297.742



86, 24.324, 298.023



87, 21.193, 314.757



47, 7.308, 297.267



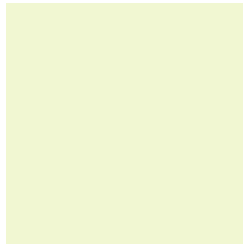
23, 104.501, 306.966



3, 40.393, 303.425

Previews

White Background



This preview shows how the CIELCh color 96, 18.973, 115.432 looks on a white background.

Color Contrast Check

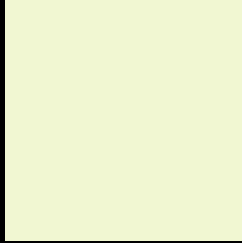
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 96, 18.973, 115.432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

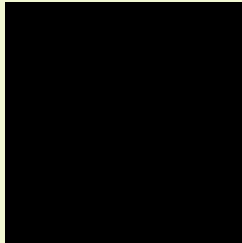
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

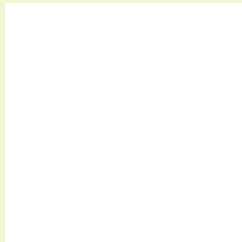
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 18.973, 115.432

Background



This preview shows how black text looks on a background with the CIELCh color 96, 18.973, 115.432.

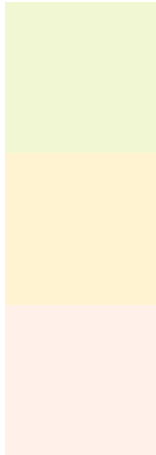


This preview shows how white text looks on a background with the CIELCh color 96, 18.973, 115.432.

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, 18.973, 115.432

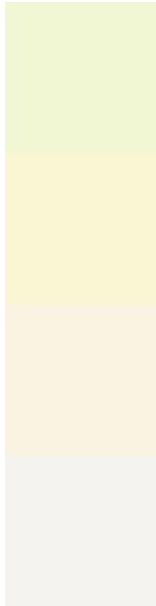
Protanopia
96, 17.410, 93.928

Deuteranopia
96, 6.168, 54.948



Tritanopia
96, 7.510, 306.784

Trichromacy



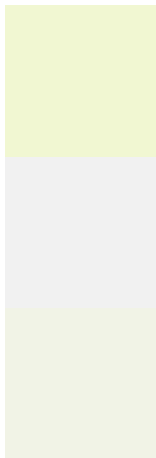
Original Color
96, 18.973, 115.432

Protanomaly
96, 17.915, 102.823

Deuteranomaly
96, 9.522, 93.918

Tritanomaly
96, 2.149, 90.693

Monochromacy



Original Color
96, 18.973, 115.432

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 6.688, 115.814

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 18.973, 115.432 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(241, 247, 210)` looks like.

```
.text, #text, p{  
    color:rgb(241, 247, 210)  
}
```

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(241, 247, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 247, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 18.973, 115.432 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(241, 247, 210) }
```

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

```
.border{ border-color:rgb(241, 247, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 247, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 247, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 247, 210);  
box-shadow:4px 4px 4px 4px rgb(241, 247,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 18.973, 115.432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 247, 210) }
```

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

```
.background{ background-color: rgb(241,  
247, 210) }
```

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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