

Converting Colors

CIELCh(96, 29.719, 106.564)

Have a look what the booklet for
CIELCh(96, 29.719, 106.564)
contains.

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Color

CIElCh(96, 29.898, 107.115)

Conversions

Conversions Part 1

Format	Color
Hex	F8F7BC
RGB	248, 247, 188
RGB Percent	97%, 97%, 74%
CMY	0.0279, 0.0318, 0.2632
CMYK	0.00, 0.00, 0.24, 0.03
HSL	59°, 81%, 85%
HSV	59°, 24%, 97%
XYZ	80.9568, 90.0078, 60.6179
YIQ	240.5730, 19.5350, -18.1370

Conversions

Conversions Part 2

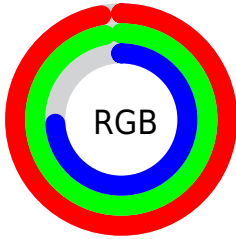
Format	Color
R _Y B	189, 248, 188
Decimal	16316348
CIE Lab	96.00, -8.80, 28.57
CIE LCh	96, 29.898, 107.115
Yxy	90.0078, 0.3496, 0.3887
Android (android.graphics.Color)	4294506428 (0xFFFF8F7BC)
YUV	240.5730, -25.9185, 6.5135
Hunter-Lab	94.8724, -13.7087, 28.5279

Details

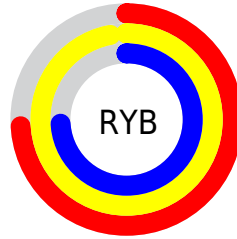
The CIELCh color **96, 29.898, 107.115** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **78, 31.611, 292.408**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 5.566, 109.748**, and **76, 30.210, 107.315** is the 20% darker color. If you saturate the color by 10%, you get **95, 41.978, 106.134**, and if you desaturate by 10%, it is **97, 17.608, 108.112**.

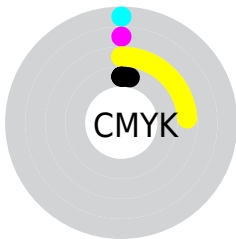
Distribution



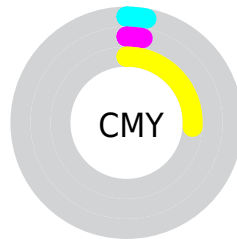
- Red (97%)
- Green (97%)
- Blue (74%)



- Red (74%)
- Yellow (97%)
- Blue (74%)



- Cyan (0%)
- Magenta (0%)
- Yellow (24%)
- Black (3%)





- Cyan (3%)
- Magenta (3%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 29.898, 107.115 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, 29.898, 107.115 by changing the saturation by 10% instead.


 96, 29.898,
107.115


 96, 29.898,
107.115


 100, 29.898,
107.115


 86, 29.898,
107.115

 76, 29.898,
107.115

 66, 29.898,
107.115

 56, 29.898,
107.115

 46, 29.898,
107.115

 36, 29.898,
107.115

 26, 29.898,

107.115

■ 16, 29.898,
107.115

■ 6, 29.898, 107.115

■ 96, 29.898,
107.115

■ 96, 29.898,
107.115

■ 95, 41.978,
106.134

■ 97, 17.608,
108.112

■ 95, 53.670,
105.178

■ 97, 5.212, 109.089

■ 95, 64.707,
104.277

■ 98, 3.522, 289.123

■ 98, 3.316, 286.565

■ 94, 74.688,
103.465

■ 98, 3.118, 283.676

■ 94, 83.060,
102.779

■ 98, 2.928, 280.407

■ 94, 89.199,
102.257

■ 98, 2.750, 276.702

■ 94, 92.664,
101.917

■ 98, 2.584, 272.506

■ 94, 93.671,
101.787

■ 98, 2.434, 267.767

Harmonies

Complementary

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



96, 29.898, 107.115



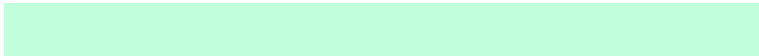
78, 31.611, 292.408

Rectangle

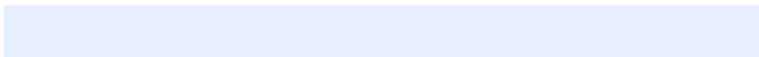
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 29.898, 107.115



96, 29.898, 157.115



96, 29.898, 287.115



96, 29.898, 337.115

Sweetspot

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



96, 29.900, 107.119



100, 8.888, 108.819



82, 23.117, 19.985



53, 5.775, 108.761



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

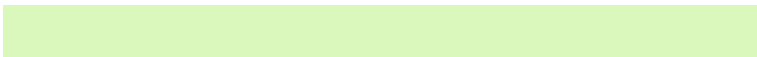
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 29.900, 107.119



98, 36.559, 106.640



94, 32.420, 127.349



52, 7.099, 108.576



73, 76.332, 101.805



24, 33.924, 102.176

Inverse Universe

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



78, 31.611, 292.408



76, 39.155, 293.138



80, 33.572, 309.671



48, 7.255, 290.520



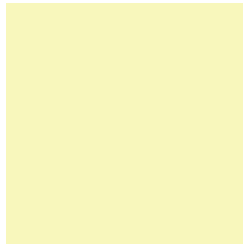
23, 105.954, 306.093



3, 41.538, 300.549

Previews

White Background



This preview shows how the CIE LCh color 96, 29.898, 107.115 looks on a white background.

Color Contrast Check

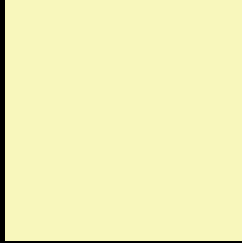
Large Text (above 18pt) WCAG AA × Fail

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, 29.898, 107.115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

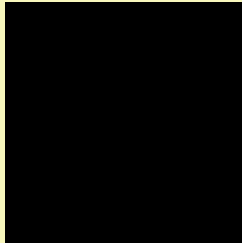
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 29.898, 107.115

Background



This preview shows how black text looks on a background with the CIELCh color 96, 29.898, 107.115.

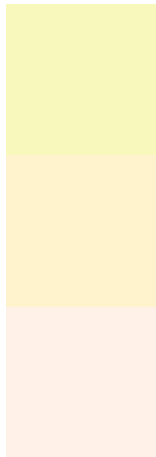


This preview shows how white text looks on a background with the CIELCh color 96, 29.898, 107.115.

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, 29.898, 107.115

Protanopia

96, 19.389, 95.245

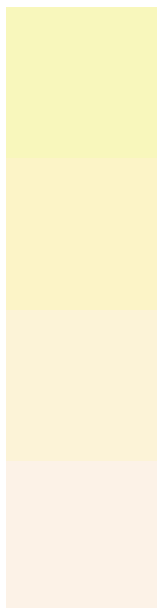
Deuteranopia

96, 7.181, 64.819



Tritanopia
96, 9.976, 324.758

Trichromacy



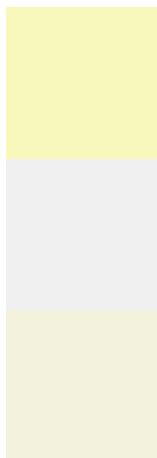
Original Color
96, 29.898, 107.115

Protanomaly
96, 23.099, 100.847

Deuteranomaly
96, 14.659, 95.914

Tritanomaly
96, 6.660, 76.851

Monochromacy



Original Color
96, 29.898, 107.115

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 11.237, 109.296

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 29.898, 107.115 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(248, 247, 188)` looks like.

```
.text, #text, p{  
    color:rgb(248, 247, 188)  
}
```

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(248, 247, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 247, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 29.898, 107.115 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(248, 247, 188) }
```

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

```
.border{ border-color:rgb(248, 247, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 247, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(248, 247, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(248, 247, 188); box-shadow:4px 4px 4px 4px rgb(248, 247, 188) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 29.898, 107.115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 247, 188) }
```

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

```
.background{ background-color: rgb(248,  
247, 188) }
```

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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