

Converting Colors

CIELCh(96, 63.194, 105.264)

Have a look what the booklet for
CIELCh(96, 63.194, 105.264)
contains.

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Color

CIELCh(96, 63.228, 105.266)

Conversions

Conversions Part 1

Format	Color
Hex	FAFA79
RGB	250, 250, 121
RGB Percent	98%, 98%, 47%
CMY	0.0199, 0.0199, 0.5258
CMYK	0.00, 0.00, 0.52, 0.02
HSL	60°, 93%, 73%
HSV	60°, 52%, 98%
XYZ	77.0008, 90.0078, 31.3793
YIQ	235.2940, 41.4090, -40.1190

Conversions

Conversions Part 2

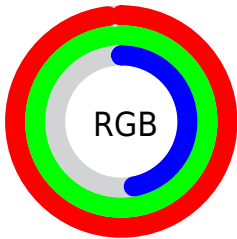
Format	Color
RYB	121, 250, 121
Decimal	16448121
CIELab	96.00, -16.65, 61.00
CIElCh	96, 63.228, 105.266
Yxy	90.0078, 0.3881, 0.4537
Android (android.graphics.Color)	4294638201 (0xFFFAFA79)
YUV	235.2940, -56.3469, 12.8972
Hunter-Lab	94.8724, -21.1517, 46.8004

Details

The CIELCh color **96, 63.228, 105.266** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **57, 73.247, 297.918**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 39.607, 107.155**, and **76, 63.188, 105.436** is the 20% darker color. If you saturate the color by 10%, you get **96, 73.690, 104.467**, and if you desaturate by 10%, it is **96, 51.791, 106.158**.

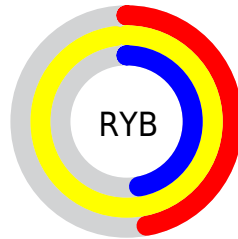
Distribution



Red (98%)

Green (98%)

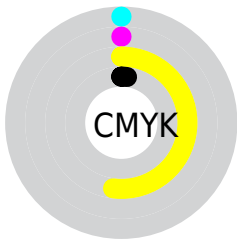
Blue (47%)



Red (47%)

Yellow (98%)

Blue (47%)

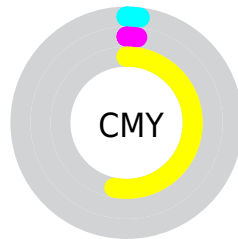


Cyan (0%)

Magenta (0%)

Yellow (52%)

Black (2%)



Cyan (2%)


Magenta (2%)

Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 63.228, 105.266 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, 63.228, 105.266 by changing the saturation by 10% instead.


 96, 63.228,
105.266


 96, 63.228,
105.266


 100, 63.228,
105.266


 86, 63.228,
105.266

 76, 63.228,
105.266

 66, 63.228,
105.266

 56, 63.228,
105.266

 46, 63.228,
105.266

 36, 63.228,
105.266

 26, 63.228,

105.266

■ 16, 63.228,
105.266

■ 6, 63.228, 105.266

■ 96, 63.228,
105.266

■ 96, 63.228,
105.266

■ 96, 73.690,
104.467

■ 96, 51.791,
106.158

■ 96, 82.653,
103.793

■ 97, 39.747,
107.101

■ 96, 89.504,
103.287

■ 97, 27.344,
108.072

■ 95, 93.744,
102.979

■ 98, 14.743,
109.050

95, 95.445,
102.857

- 98, 2.044, 109.989
- 98, 2.596, 290.415
- 98, 2.596, 290.432
- 98, 2.596, 290.448
- 98, 2.596, 290.464

Harmonies

Complementary

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



96, 63.228, 105.266



57, 73.247, 297.918

Rectangle

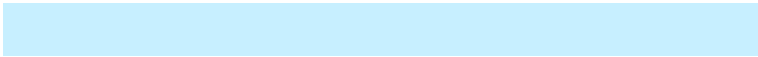
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 63.228, 105.266



96, 63.228, 155.266



96, 63.228, 285.266



96, 63.228, 335.266

Sweetspot

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



96, 63.229, 105.269



99, 19.336, 108.718



66, 54.576, 25.588



53, 13.183, 108.512



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

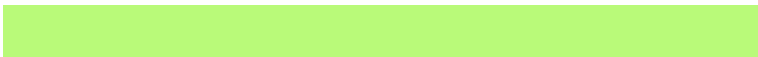
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 63.229, 105.269



97, 75.268, 104.433



92, 68.440, 126.680



52, 7.217, 109.256



74, 77.279, 102.857



25, 34.379, 103.079

Inverse Universe

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



57, 73.247, 297.918



50, 91.093, 300.208



62, 73.959, 311.715



48, 7.380, 291.175



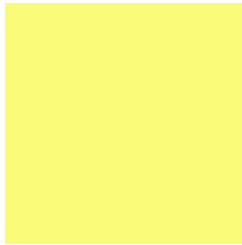
23, 106.708, 306.287



3, 42.026, 300.808

Previews

White Background



This preview shows how the CIE LCh color 96, 63.228, 105.266 looks on a white background.

Color Contrast Check

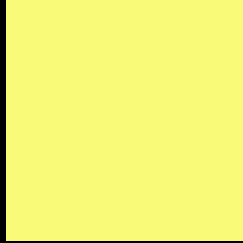
Large Text (above 18pt) WCAG AA × Fail

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, 63.228, 105.266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

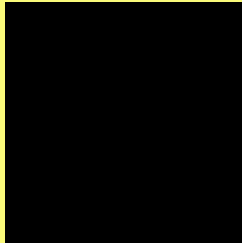
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 63.228, 105.266

Background



This preview shows how black text looks on a background with the CIELCh color 96, 63.228, 105.266.

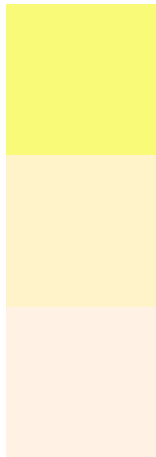


This preview shows how white text looks on a background with the CIELCh color 96, 63.228, 105.266.

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, 63.228, 105.266

Protanopia

96, 21.874, 96.514

Deuteranopia

96, 8.771, 74.019

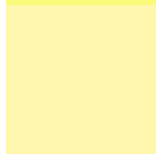


Tritanopia
96, 7.657, 337.891

Trichromacy



Original Color
96, 63.228, 105.266



Protanomaly
96, 37.481, 103.059



Deuteranomaly
96, 28.659, 101.011

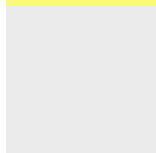


Tritanomaly
96, 21.227, 98.294

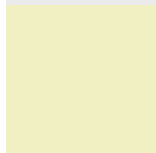
Monochromacy



Original Color
96, 63.228, 105.266



Achromatopsia
93, 0.011, 296.813



Achromatomaly
94, 23.489, 108.312

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 63.228, 105.266 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(250, 250, 121)` looks like.

```
.text, #text, p{  
    color:rgb(250, 250, 121)  
}
```

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(250, 250, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 250, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 63.228, 105.266 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(250, 250, 121) }
```

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

```
.border{ border-color:rgb(250, 250, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 250, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 250, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 250, 121);  
box-shadow:4px 4px 4px 4px rgb(250, 250,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 63.228, 105.266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 250, 121) }
```

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

```
.background{ background-color: rgb(250,  
250, 121) }
```

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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