

Converting Colors

CIELCh(95, 52.841, 77.761)

Have a look what the booklet for
CIELCh(95, 52.841, 77.761) contains.

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Color

CIELCh(92, 46.907, 93.831)

Conversions

Conversions Part 1

Format	Color
Hex	FFE78D
RGB	255, 231, 141
RGB Percent	100%, 91%, 55%
CMY	0.0000, 0.0932, 0.4465
CMYK	0.00, 0.09, 0.45, 0.00
HSL	47°, 100%, 78%
HSV	47°, 45%, 100%
XYZ	75.1683, 80.7044, 36.8725
YIQ	227.9160, 43.1940, -22.9020

Conversions

Conversions Part 2

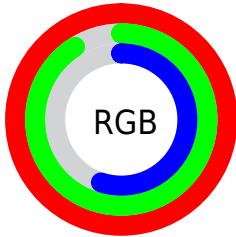
Format	Color
RYB	171, 255, 141
Decimal	16770957
CIELab	92.00, -3.13, 46.80
CIELCh	92, 46.907, 93.831
Yxy	80.7044, 0.3900, 0.4187
Android (android.graphics.Color)	4294961037 (0xFFFFE78D)
YUV	227.9160, -42.8496, 23.7527
Hunter-Lab	89.8356, -7.8559, 38.5497

Details

The CIELCh color **92, 46.907, 93.831** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **69, 49.553, 287.164**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 29.728, 107.918**, and **72, 46.754, 94.767** is the 20% darker color. If you saturate the color by 10%, you get **90, 56.892, 93.187**, and if you desaturate by 10%, it is **94, 36.362, 95.719**.

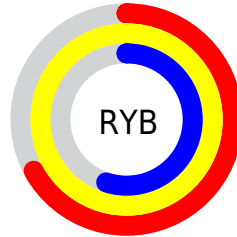
Distribution



Red (100%)

Green (91%)

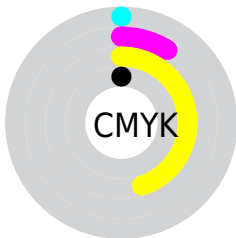
Blue (55%)



Red (67%)

Yellow (100%)

Blue (55%)

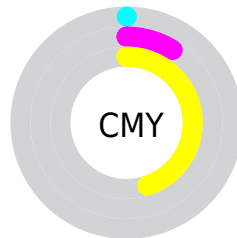


Cyan (0%)

Magenta (9%)

Yellow (45%)

Black (0%)



Cyan (0%)

Magenta (9%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 46.907, 93.831 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 92, 46.907, 93.831 by changing the saturation by 10% instead.

92, 46.907, 93.831

92, 46.907, 93.831

100, 46.907,
93.831

82, 46.907, 93.831

72, 46.907, 93.831

62, 46.907, 93.831

52, 46.907, 93.831

42, 46.907, 93.831

32, 46.907, 93.831

22, 46.907, 93.831

12, 46.907, 93.831

2, 46.907, 93.831

■ 92, 46.907, 93.831

■ 92, 46.907, 93.831

■ 90, 56.892, 93.187

■ 94, 36.362, 95.719

■ 89, 66.333, 91.893

■ 95, 25.826, 96.952

■ 87, 74.547, 90.566

■ 97, 15.292, 98.153

■ 86, 80.748, 89.168

■ 99, 4.823, 99.296

■ 84, 84.153, 87.628

100, 0.012,
296.813

■ 84, 84.975, 86.736

Harmonies

Complementary

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



92, 46.907, 93.831



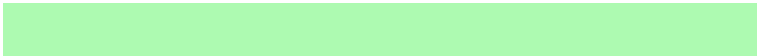
69, 49.553, 287.164

Rectangle

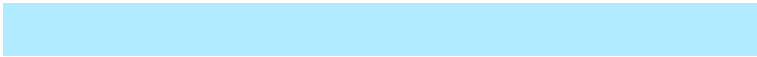
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 46.907, 93.831



92, 46.907, 143.831



92, 46.907, 273.831



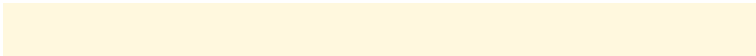
92, 46.907, 323.831

Sweetspot

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



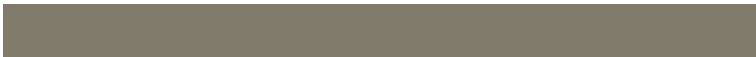
92, 46.785, 94.462



98, 13.562, 98.347



72, 46.004, 7.916



52, 9.500, 98.087



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

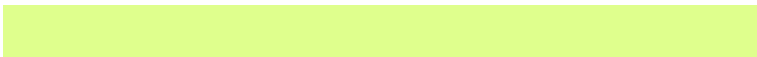
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 46.785, 94.462



90, 56.253, 93.270



96, 57.773, 118.531



52, 5.921, 98.753



64, 68.547, 87.056



22, 30.279, 89.193

Inverse Universe

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



69, 49.553, 287.164



63, 60.883, 289.423



66, 63.827, 304.645



49, 5.986, 281.042



28, 93.552, 302.209



6, 37.320, 297.341

Previews

White Background



This preview shows how the CIELCh color 92, 46.907, 93.831 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 92, 46.907, 93.831 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 92, 46.907, 93.831

Background



This preview shows how black text looks on a background with the CIELCh color 92, 46.907, 93.831.



This preview shows how white text looks on a background with the CIELCh color 92, 46.907, 93.831.

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

92, 46.778, 94.342

Protanopia

92, 46.960, 95.902

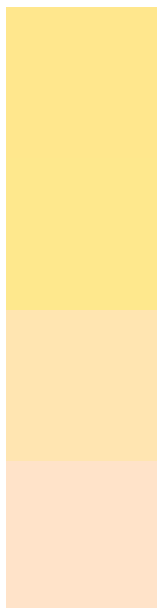
Deuteranopia

92, 18.436, 73.536



Tritanopia
92, 12.530, 353.397

Trichromacy



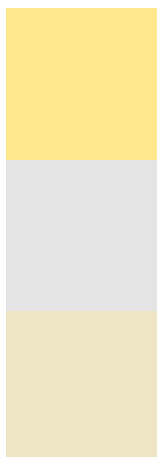
Original Color
92, 46.778, 94.342

Protanomaly
92, 47.044, 95.411

Deuteranomaly
92, 28.679, 87.141

Tritanomaly
92, 17.165, 70.788

Monochromacy



Original Color
92, 46.778, 94.342

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 17.348, 97.460

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 46.907, 93.831 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, 231, 141)` looks like.

```
.text, #text, p{  
    color:rgb(255, 231, 141)  
}
```

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, 231, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 231, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 46.907, 93.831 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, 231, 141) }
```

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

```
.border{ border-color:rgb(255, 231, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 231, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 231, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 231, 141);  
box-shadow:4px 4px 4px 4px rgb(255, 231,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 46.907, 93.831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 231, 141) }
```

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

```
.background{ background-color: rgb(255,  
231, 141) }
```

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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