

Converting Colors

CIELCh(92, 46.848, 96.204)

Have a look what the booklet for
CIELCh(92, 46.848, 96.204) contains.

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Color

CIELCh(92, 46.960, 95.902)

Conversions

Conversions Part 1

Format	Color
Hex	FDE88D
RGB	253, 232, 141
RGB Percent	99%, 91%, 55%
CMY	0.0069, 0.0892, 0.4462
CMYK	0.00, 0.08, 0.44, 0.01
HSL	49°, 97%, 77%
HSV	49°, 44%, 99%
XYZ	74.3448, 80.7044, 36.9448
YIQ	227.9050, 41.7270, -23.8490

Conversions

Conversions Part 2

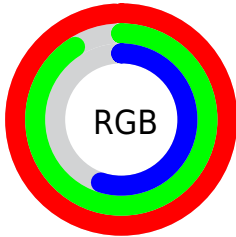
Format	Color
RYB	167, 253, 141
Decimal	16640141
CIELab	92.00, -4.83, 46.71
CIELCh	92, 46.960, 95.902
Yxy	80.7044, 0.3872, 0.4203
Android (android.graphics.Color)	4294830221 (0xFFFDE88D)
YUV	227.9050, -42.8442, 22.0083
Hunter-Lab	89.8356, -9.4921, 38.5020

Details

The CIELCh color **92, 46.960, 95.902** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **69, 50.124, 288.235**, 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, 47.024, 95.900** is the 20% darker color. If you saturate the color by 10%, you get **91, 57.134, 94.671**, and if you desaturate by 10%, it is **94, 36.442, 97.129**.

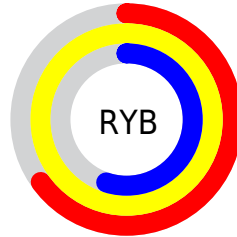
Distribution



Red (99%)

Green (91%)

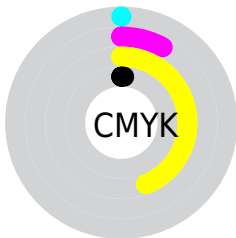
Blue (55%)



Red (65%)

Yellow (99%)

Blue (55%)

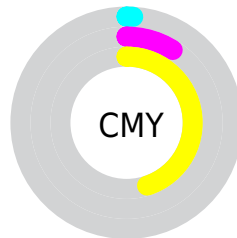


Cyan (0%)

Magenta (8%)

Yellow (44%)

Black (1%)



Cyan (1%)

Magenta (9%)

Yellow (45%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 46.960, 95.902 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, 46.960, 95.902 by changing the saturation by 10% instead.

 92, 46.960, 95.902

 92, 46.960, 95.902

 100, 46.960,
95.902

 82, 46.960, 95.902

 72, 46.960, 95.902

 62, 46.960, 95.902

 52, 46.960, 95.902

 42, 46.960, 95.902

 32, 46.960, 95.902

 22, 46.960, 95.902

 12, 46.960, 95.902

 2, 46.960, 95.902

92, 46.960, 95.902

92, 46.960, 95.902

91, 57.134, 94.671

94, 36.442, 97.129

89, 66.610, 93.430

95, 25.783, 98.334

88, 74.835, 92.174

97, 15.103, 99.510

86, 81.044, 90.880

99, 4.469, 100.629

85, 84.486, 89.492

100, 0.610,
200.454

84, 85.351, 88.638

Harmonies

Complementary

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



92, 46.960, 95.902



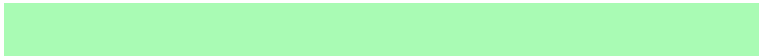
69, 50.124, 288.235

Rectangle

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



92, 46.960, 95.902



92, 46.960, 145.902



92, 46.960, 275.902



92, 46.960, 325.902

Sweetspot

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



92, 46.961, 95.906



98, 13.864, 99.652



71, 45.231, 9.090



52, 9.709, 99.396



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

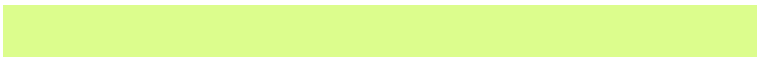
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 46.961, 95.906



91, 56.220, 94.822



95, 57.127, 119.248



52, 6.054, 100.051



66, 69.211, 88.912



22, 30.744, 90.858

Inverse Universe

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



69, 50.124, 288.235



63, 61.335, 290.302



66, 62.900, 305.111



49, 6.130, 282.299



27, 95.710, 302.896



6, 38.105, 297.966

Previews

White Background



This preview shows how the CIE LCh color 92, 46.960, 95.902 looks on a white background.

Color Contrast Check

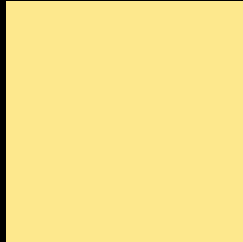
Large Text (above 18pt) WCAG AA × Fail

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, 46.960, 95.902 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, 46.960, 95.902

Background



This preview shows how black text looks on a background with the CIELCh color 92, 46.960, 95.902.



This preview shows how white text looks on a background with the CIELCh color 92, 46.960, 95.902.

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, 46.960, 95.902

Protanopia

92, 47.044, 95.411

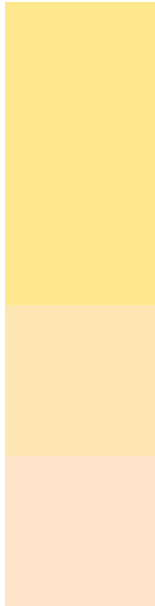
Deuteranopia

92, 18.192, 74.529



Tritanopia
92, 12.760, 351.318

Trichromacy



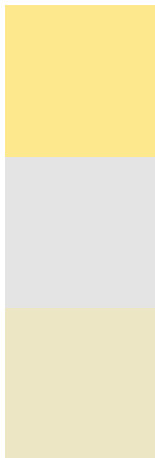
Original Color
92, 46.960, 95.902

Protanomaly
92, 47.044, 95.411

Deuteranomaly
92, 28.371, 88.644

Tritanomaly
92, 16.506, 70.797

Monochromacy



Original Color
92, 46.960, 95.902

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 17.711, 100.152

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 46.960, 95.902 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(253, 232, 141)` looks like.

```
.text, #text, p{  
    color:rgb(253, 232, 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(253, 232, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 232, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 46.960, 95.902 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(253, 232, 141) }
```

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

```
.border{ border-color:rgb(253, 232, 141) }
```

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

Here you see how a box with a 4 pixel rgb(253, 232, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 232, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 232, 141);  
box-shadow:4px 4px 4px 4px rgb(253, 232,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 46.960, 95.902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 232, 141) }
```

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

```
.background{ background-color: rgb(253,  
232, 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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