

Converting Colors

CIELCh(98, 60.604, 71.482)

Have a look what the booklet for
CIELCh(98, 60.604, 71.482) contains.

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Color

CIELCh(92, 49.393, 95.720)

Conversions

Conversions Part 1

Format	Color
Hex	FEE888
RGB	254, 232, 136
RGB Percent	100%, 91%, 53%
CMY	0.0033, 0.0894, 0.4657
CMYK	0.00, 0.09, 0.46, 0.00
HSL	49°, 99%, 77%
HSV	49°, 46%, 100%
XYZ	74.2992, 80.7044, 35.0430
YIQ	227.6340, 43.9280, -25.1920

Conversions

Conversions Part 2

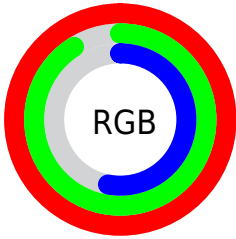
Format	Color
R _Y B	163, 254, 136
Decimal	16705672
CIE Lab	92.00, -4.92, 49.15
CIE LCh	92, 49.393, 95.720
Yxy	80.7044, 0.3910, 0.4247
Android (android.graphics.Color)	4294895752 (0xFFFE888)
YUV	227.6340, -45.1756, 23.1230
Hunter-Lab	89.8356, -9.5826, 39.7572

Details

The CIELCh color **92, 49.393, 95.720** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **67, 53.010, 288.792**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 32.214, 107.726**, and **72, 49.385, 96.083** is the 20% darker color. If you saturate the color by 10%, you get **91, 59.487, 94.490**, and if you desaturate by 10%, it is **94, 38.889, 96.948**.

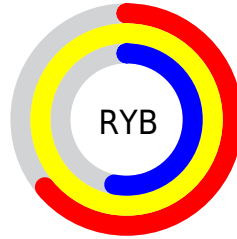
Distribution



Red (100%)

Green (91%)

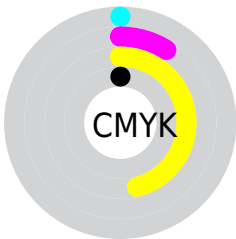
Blue (53%)



Red (64%)

Yellow (100%)

Blue (53%)

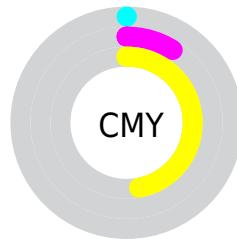


Cyan (0%)

Magenta (9%)

Yellow (46%)

Black (0%)



Cyan (0%)

Magenta (9%)

Yellow (47%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 49.393, 95.720 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, 49.393, 95.720 by changing the saturation by 10% instead.

 92, 49.393, 95.720

 92, 49.393, 95.720

 100, 49.393,
95.720

 82, 49.393, 95.720

 72, 49.393, 95.720

 62, 49.393, 95.720

 52, 49.393, 95.720

 42, 49.393, 95.720

 32, 49.393, 95.720

 22, 49.393, 95.720

 12, 49.393, 95.720

 2, 49.393, 95.720

■ 92, 49.393, 95.720

■ 92, 49.393, 95.720

■ 91, 59.487, 94.490

■ 94, 38.889, 96.948

■ 89, 68.776, 93.249

■ 95, 28.206, 98.156

■ 88, 76.654, 91.993

■ 97, 17.480, 99.338

■ 86, 82.330, 90.691

■ 99, 6.788, 100.476

■ 85, 85.119, 89.282

100, 0.295,
201.632

■ 85, 85.635, 88.751

Harmonies

Complementary

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



92, 49.393, 95.720



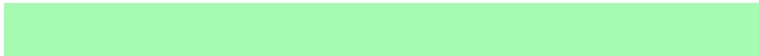
67, 53.010, 288.792

Rectangle

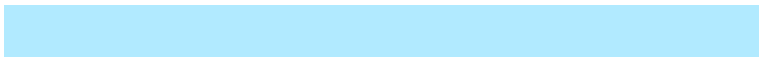
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 49.393, 95.720



92, 49.393, 145.720



92, 49.393, 275.720



92, 49.393, 325.720

Sweetspot

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



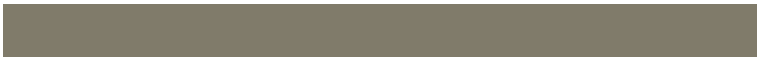
92, 49.394, 95.724



98, 14.957, 99.615



70, 47.690, 9.535



52, 10.333, 99.365



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, 49.394, 95.724



91, 59.261, 94.537



95, 59.917, 119.138



52, 6.063, 100.129



66, 69.255, 89.026



22, 30.773, 90.959

Inverse Universe

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



67, 53.010, 288.792



61, 65.268, 291.132



65, 66.357, 305.311



49, 6.139, 282.375



27, 95.839, 302.936



6, 38.152, 298.002

Previews

White Background



This preview shows how the CIELCh color 92, 49.393, 95.720 looks on a white background.

Color Contrast Check

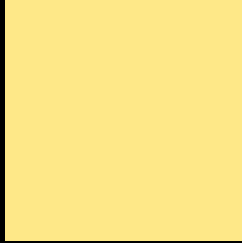
Large Text (above 18pt) WCAG AA × Fail

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, 49.393, 95.720 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, 49.393, 95.720

Background



This preview shows how black text looks on a background with the CIELCh color 92, 49.393, 95.720.



This preview shows how white text looks on a background with the CIELCh color 92, 49.393, 95.720.

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, 49.425, 95.699

Protanopia

92, 49.425, 95.699

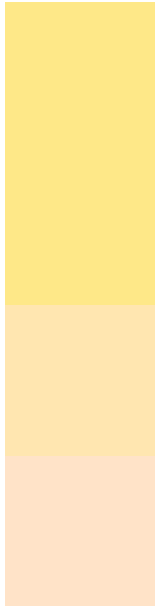
Deuteranopia

92, 18.629, 75.346



Tritanopia
92, 12.760, 351.318

Trichromacy



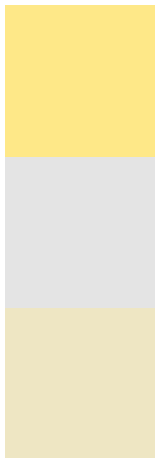
Original Color
92, 49.425, 95.699

Protanomaly
92, 49.425, 95.699

Deuteranomaly
92, 29.478, 88.447

Tritanomaly
92, 17.584, 71.750

Monochromacy



Original Color
92, 49.425, 95.699

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 18.278, 99.158

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 49.393, 95.720 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(254, 232, 136)` looks like.

```
.text, #text, p{  
    color:rgb(254, 232, 136)  
}
```

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(254, 232, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 232, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 49.393, 95.720 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(254, 232, 136) }
```

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

```
.border{ border-color:rgb(254, 232, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 232, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 232, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 232, 136);  
box-shadow:4px 4px 4px 4px rgb(254, 232,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 49.393, 95.720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 232, 136) }
```

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

```
.background{ background-color: rgb(254,  
232, 136) }
```

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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