

Converting Colors

CIELCh(93, 46.960, 75.852)

Have a look what the booklet for
CIELCh(93, 46.960, 75.852) contains.

CIELCh(90, 41.890, 89.888)	3
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Color

CIELCh(90, 41.890, 89.888)

Conversions

Conversions Part 1

Format	Color
Hex	FEE092
RGB	254, 224, 146
RGB Percent	100%, 88%, 57%
CMY	0.0049, 0.1223, 0.4279
CMYK	0.00, 0.12, 0.43, 0.00
HSL	43°, 98%, 78%
HSV	43°, 43%, 100%
XYZ	72.5630, 76.3034, 38.0464
YIQ	224.0780, 42.9180, -17.8980

Conversions

Conversions Part 2

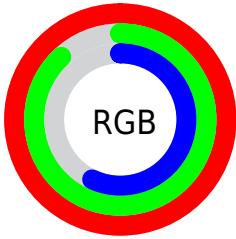
Format	Color
R _Y B	188, 254, 146
Decimal	16703634
CIE _{Lab}	90.00, 0.08, 41.89
CIE _{LCh}	90, 41.890, 89.888
Y _{xy}	76.3034, 0.3882, 0.4082
Android (android.graphics.Color)	4294893714 (0xFFFE092)
YUV	224.0780, -38.4925, 26.2416
Hunter-Lab	87.3518, -4.5859, 35.3223

Details

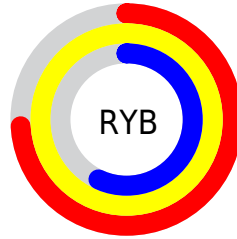
The CIELCh color **90, 41.890, 89.888** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **72, 42.866, 282.493**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 27.235, 108.110**, and **70, 41.998, 89.652** is the 20% darker color. If you saturate the color by 10%, you get **88, 51.746, 88.515**, and if you desaturate by 10%, it is **92, 31.913, 91.233**.

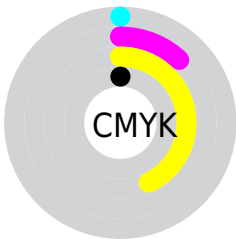
Distribution



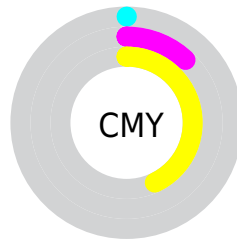
- Red (100%)
- Green (88%)
- Blue (57%)



- Red (74%)
- Yellow (100%)
- Blue (57%)



- Cyan (0%)
- Magenta (12%)
- Yellow (43%)
- Black (0%)



- Cyan (0%)
- Magenta (12%)
- Yellow (43%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 41.890, 89.888 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 90, 41.890, 89.888 by changing the saturation by 10% instead.

 90, 41.890, 89.888

 90, 41.890, 89.888

 100, 41.890,
89.888

 80, 41.890, 89.888

 70, 41.890, 89.888

 60, 41.890, 89.888

 50, 41.890, 89.888

 40, 41.890, 89.888

 30, 41.890, 89.888

 20, 41.890, 89.888

 10, 41.890, 89.888

 0, 41.890, 89.888

90, 41.890, 89.888

90, 41.890, 89.888

88, 51.746, 88.515

92, 31.913, 91.233

86, 61.206, 87.090

94, 21.962, 92.535

84, 69.794, 85.588

97, 12.114, 93.794

82, 76.764, 83.941

99, 2.404, 94.937

80, 81.204, 82.030

100, 0.436,
200.898

79, 82.797, 80.382

Harmonies

Complementary

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



90, 41.890, 89.888



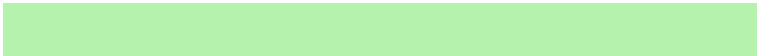
72, 42.866, 282.493

Rectangle

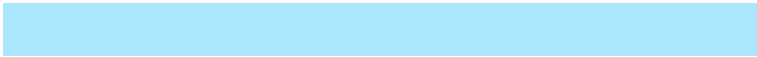
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90, 41.890, 89.888



90, 41.890, 139.888



90, 41.890, 269.888



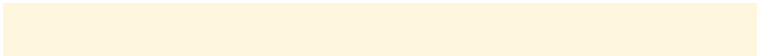
90, 41.890, 319.888

Sweetspot

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



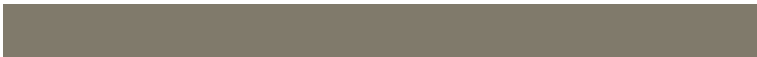
90, 41.891, 89.892



97, 12.643, 93.733



73, 44.086, 2.539



51, 8.863, 93.459



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



90, 41.891, 89.892



89, 50.476, 88.724



96, 54.349, 115.811



52, 5.513, 94.160



61, 67.009, 80.825



20, 28.952, 83.440

Inverse Universe

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



72, 42.866, 282.493



67, 52.207, 284.574



67, 60.146, 302.402



50, 5.542, 276.579



30, 85.839, 299.502



7, 34.430, 294.693

Previews

White Background



This preview shows how the CIE LCh color 90, 41.890, 89.888 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 90, 41.890, 89.888 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 90, 41.890, 89.888

Background



This preview shows how black text looks on a background with the CIELCh color 90, 41.890, 89.888.

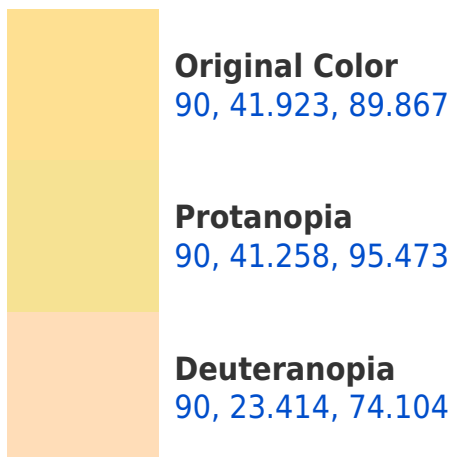


This preview shows how white text looks on a background with the CIELCh color 90, 41.890, 89.888.

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](#).

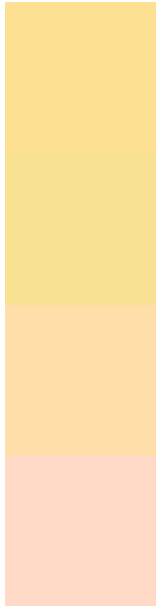
Dichromacy





Tritanopia
90, 15.672, 355.171

Trichromacy



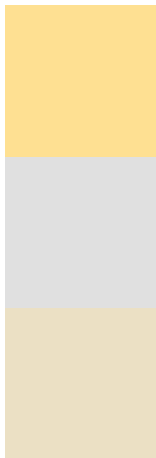
Original Color
90, 41.923, 89.867

Protanomaly
90, 41.185, 93.146

Deuteranomaly
90, 30.025, 82.053

Tritanomaly
90, 17.281, 56.715

Monochromacy



Original Color
90, 41.923, 89.867

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 15.080, 92.960

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 41.890, 89.888 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, 224, 146)` looks like.

```
.text, #text, p{  
    color:rgb(254, 224, 146)  
}
```

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, 224, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 224, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 41.890, 89.888 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, 224, 146) }
```

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

```
.border{ border-color:rgb(254, 224, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 224, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(254, 224, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(254, 224, 146); box-shadow:4px 4px 4px 4px rgb(254, 224, 146) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 41.890, 89.888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 224, 146) }
```

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

```
.background{ background-color: rgb(254,  
224, 146) }
```

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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