

Converting Colors

CIELCh(100, 68.525, 54.402)

Have a look what the booklet for
CIELCh(100, 68.525, 54.402)
contains.

CIELCh(90, 40.490, 87.580)	3
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Color

CIELCh(90, 40.490, 87.580)

Conversions

Conversions Part 1

Format	Color
Hex	FFDF95
RGB	255, 223, 149
RGB Percent	100%, 87%, 58%
CMY	0.0000, 0.1260, 0.4164
CMYK	0.00, 0.13, 0.42, 0.00
HSL	42°, 100%, 79%
HSV	42°, 42%, 100%
XYZ	73.3412, 76.3034, 39.2219
YIQ	224.1320, 42.8260, -16.2300

Conversions

Conversions Part 2

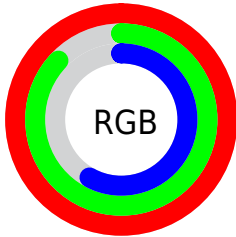
Format	Color
R _Y B	195, 255, 149
Decimal	16768917
CIE Lab	90.00, 1.71, 40.45
CIE LCh	90, 40.490, 87.580
Yxy	76.3034, 0.3883, 0.4040
Android (android.graphics.Color)	4294958997 (0xFFFFDF95)
YUV	224.1320, -37.0401, 27.0712
Hunter-Lab	87.3518, -2.9957, 34.5244

Details

The CIELCh color **90, 40.490, 87.580** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **74, 40.750, 280.578**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 25.735, 108.225**, and **70, 40.370, 87.900** is the 20% darker color. If you saturate the color by 10%, you get **88, 50.179, 86.681**, and if you desaturate by 10%, it is **92, 30.482, 89.447**.

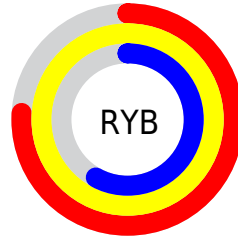
Distribution



Red (100%)

Green (87%)

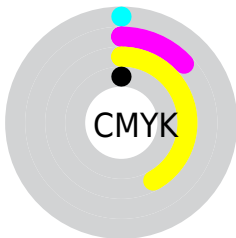
Blue (58%)



Red (76%)

Yellow (100%)

Blue (58%)

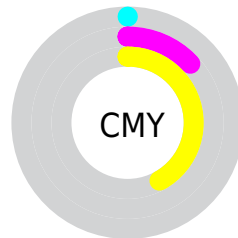


Cyan (0%)

Magenta (13%)

Yellow (42%)

Black (0%)



Cyan (0%)

Magenta (13%)

Yellow (42%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 40.490, 87.580 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, 40.490, 87.580 by changing the saturation by 10% instead.

 90, 40.490, 87.580

 90, 40.490, 87.580

 100, 40.490,
87.580

 80, 40.490, 87.580

 70, 40.490, 87.580

 60, 40.490, 87.580

 50, 40.490, 87.580

 40, 40.490, 87.580

 30, 40.490, 87.580

 20, 40.490, 87.580

 10, 40.490, 87.580

 0, 40.490, 87.580

90, 40.490, 87.580

90, 40.490, 87.580

88, 50.179, 86.681

92, 30.482, 89.447

85, 59.699, 85.224

95, 20.683, 90.769

83, 68.477, 83.678

97, 11.023, 92.044

81, 75.789, 81.969

100, 1.528, 93.135

79, 80.696, 79.959

100, 0.012,
296.813

78, 82.733, 77.977

Harmonies

Complementary

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



90, 40.490, 87.580



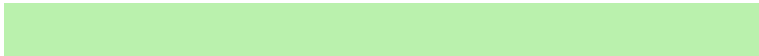
74, 40.750, 280.578

Rectangle

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



90, 40.490, 87.580



90, 40.490, 137.580



90, 40.490, 267.580



90, 40.490, 317.580

Sweetspot

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



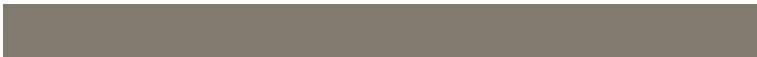
90, 40.357, 88.085



97, 11.370, 91.998



74, 43.748, 359.974



51, 7.551, 91.835



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, 40.357, 88.085



88, 48.582, 86.914



97, 53.267, 114.415



52, 5.374, 92.307



60, 66.687, 78.473



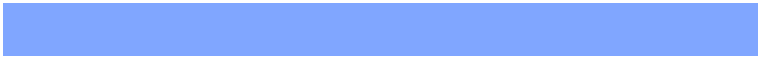
20, 28.539, 81.189

Inverse Universe

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



74, 40.750, 280.578



69, 49.399, 282.634



67, 58.983, 301.292



50, 5.389, 274.769



31, 82.801, 298.309



8, 33.234, 293.411

Previews

White Background



This preview shows how the CIE LCh color 90, 40.490, 87.580 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, 40.490, 87.580 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, 40.490, 87.580

Background



This preview shows how black text looks on a background with the CIELCh color 90, 40.490, 87.580.



This preview shows how white text looks on a background with the CIELCh color 90, 40.490, 87.580.

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](#).

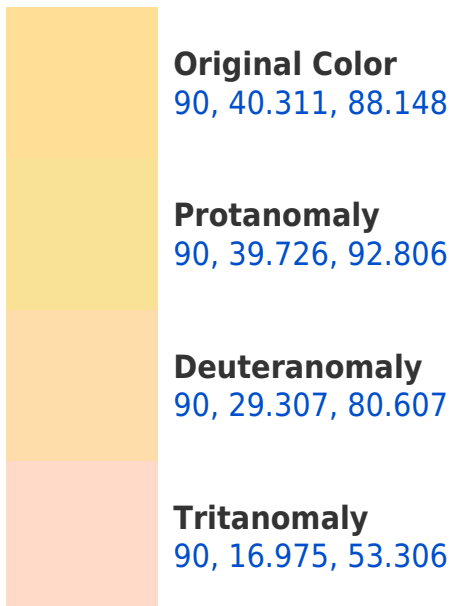
Dichromacy





Tritanopia
90, 15.672, 355.171

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 40.490, 87.580 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, 223, 149)` looks like.

```
.text, #text, p{  
    color:rgb(255, 223, 149)  
}
```

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, 223, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 223, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 40.490, 87.580 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, 223, 149) }
```

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

```
.border{ border-color:rgb(255, 223, 149) }
```

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

Here you see how a box with a 4 pixel rgb(255, 223, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 223, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 223, 149);  
box-shadow:4px 4px 4px 4px rgb(255, 223,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 40.490, 87.580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 223, 149) }
```

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

```
.background{ background-color: rgb(255,  
223, 149) }
```

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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