

Converting Colors

CIELCh(92, 40.362, 92.850)

Have a look what the booklet for
CIELCh(92, 40.362, 92.850) contains.

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Color

CIELCh(92, 40.515, 93.154)

Conversions

Conversions Part 1

Format	Color
Hex	FFE79A
RGB	255, 231, 154
RGB Percent	100%, 91%, 60%
CMY	0.0002, 0.0943, 0.3963
CMYK	0.00, 0.09, 0.40, 0.00
HSL	46°, 100%, 80%
HSV	46°, 40%, 100%
XYZ	75.6105, 80.7044, 42.1430
YIQ	229.3980, 39.0210, -18.8590

Conversions

Conversions Part 2

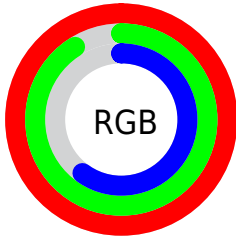
Format	Color
RYB	185, 255, 154
Decimal	16770970
CIELab	92.00, -2.23, 40.45
CIElCh	92, 40.515, 93.154
Yxy	80.7044, 0.3810, 0.4067
Android (android.graphics.Color)	4294961050 (0xFFFFE79A)
YUV	229.3980, -37.1712, 22.4530
Hunter-Lab	89.8356, -6.9773, 35.0713

Details

The CIELCh color **92, 40.515, 93.154** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **73, 42.048, 284.383**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 23.230, 108.417**, and **72, 40.516, 93.274** is the 20% darker color. If you saturate the color by 10%, you get **90, 50.658, 91.847**, and if you desaturate by 10%, it is **94, 30.229, 94.442**.

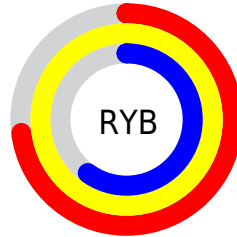
Distribution



Red (100%)

Green (91%)

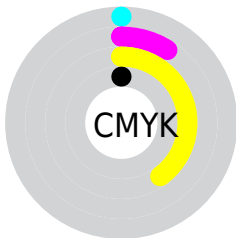
Blue (60%)



Red (73%)

Yellow (100%)

Blue (60%)

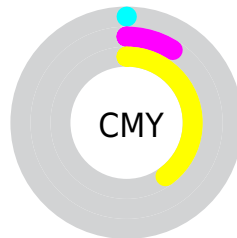


Cyan (0%)

Magenta (9%)

Yellow (40%)

Black (0%)



Cyan (0%)

Magenta (9%)

Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 40.515, 93.154 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, 40.515, 93.154 by changing the saturation by 10% instead.

 92, 40.515, 93.154

 92, 40.515, 93.154

 100, 40.515,
93.154

 82, 40.515, 93.154

 72, 40.515, 93.154

 62, 40.515, 93.154

 52, 40.515, 93.154

 42, 40.515, 93.154

 32, 40.515, 93.154

 22, 40.515, 93.154

 12, 40.515, 93.154

 2, 40.515, 93.154

■ 92, 40.515, 93.154

■ 92, 40.515, 93.154

■ 90, 50.658, 91.847

■ 94, 30.229, 94.442

■ 88, 60.401, 90.506

■ 96, 19.936, 95.693

■ 87, 69.311, 89.123

■ 98, 9.714, 96.900

■ 85, 76.712, 87.661

100, 0.021,
233.183

■ 83, 81.738, 86.045

■ 82, 83.966, 84.192

■ 82, 84.032, 84.119

Harmonies

Complementary

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



92, 40.515, 93.154



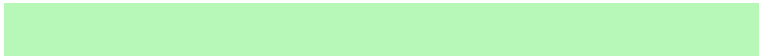
73, 42.048, 284.383

Rectangle

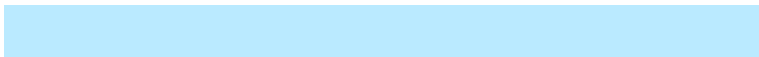
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 40.515, 93.154



92, 40.515, 143.154



92, 40.515, 273.154



92, 40.515, 323.154

Sweetspot

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



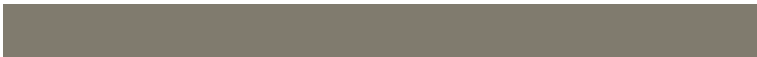
92, 40.516, 93.158



97, 12.147, 96.617



75, 40.816, 4.471



52, 8.064, 96.460



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, 40.516, 93.158



90, 49.049, 92.060



96, 51.263, 117.409



52, 5.746, 96.912



63, 67.790, 84.493



21, 29.691, 86.860

Inverse Universe

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



73, 42.048, 284.383



68, 51.604, 286.294



69, 56.076, 303.120



50, 5.796, 279.257



29, 90.452, 301.171



6, 36.179, 296.365

Previews

White Background



This preview shows how the CIE LCh color 92, 40.515, 93.154 looks on a white background.

Color Contrast Check

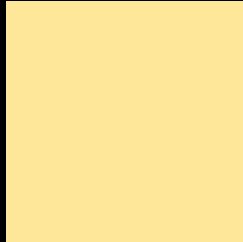
Large Text (above 18pt) WCAG AA × Fail

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, 40.515, 93.154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

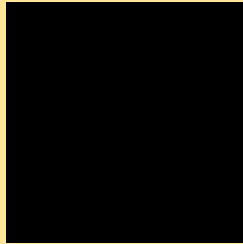
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 40.515, 93.154

Background



This preview shows how black text looks on a background with the CIELCh color 92, 40.515, 93.154.

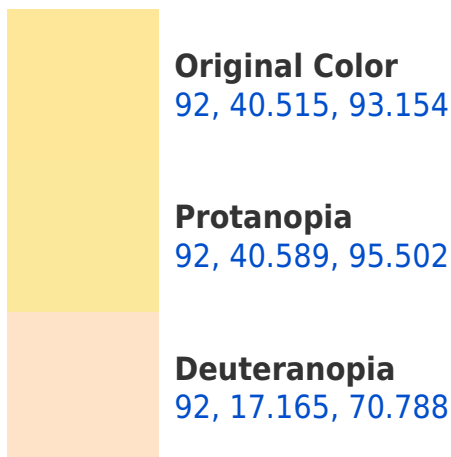



This preview shows how white text looks on a background with the CIELCh color 92, 40.515, 93.154.

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](#).

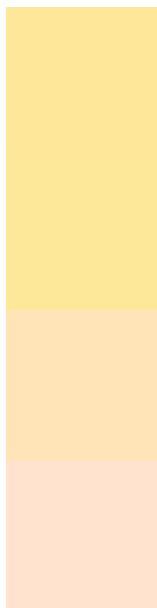
Dichromacy





Tritanopia
92, 12.760, 351.318

Trichromacy



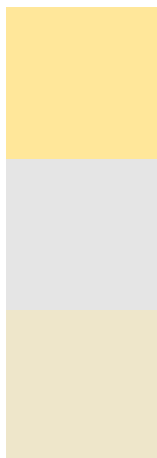
Original Color
92, 40.515, 93.154

Protanomaly
92, 40.678, 94.944

Deuteranomaly
92, 25.043, 83.518

Tritanomaly
92, 15.161, 65.162

Monochromacy



Original Color
92, 40.515, 93.154

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 14.733, 97.252

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 40.515, 93.154 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, 154)` looks like.

```
.text, #text, p{  
    color:rgb(255, 231, 154)  
}
```

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, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 231, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 40.515, 93.154 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, 154) }
```

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

```
.border{ border-color:rgb(255, 231, 154) }
```

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, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 231, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 231, 154);  
box-shadow:4px 4px 4px 4px rgb(255, 231,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 40.515, 93.154 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, 154) }
```

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

```
.background{ background-color: rgb(255,  
231, 154) }
```

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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