

Converting Colors

CIELCh(92, 37.542, 93.283)

Have a look what the booklet for
CIELCh(92, 37.542, 93.283) contains.

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Color

CIELCh(92, 37.491, 93.001)

Conversions

Conversions Part 1

Format	Color
Hex	FEE7A0
RGB	254, 231, 160
RGB Percent	100%, 91%, 63%
CMY	0.0042, 0.0944, 0.3728
CMYK	0.00, 0.09, 0.37, 0.00
HSL	45°, 98%, 81%
HSV	45°, 37%, 100%
XYZ	75.7409, 80.7044, 44.8118
YIQ	229.7830, 36.4990, -17.2050

Conversions

Conversions Part 2

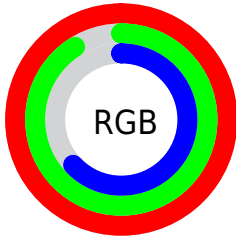
Format	Color
RYB	190, 254, 160
Decimal	16705440
CIELab	92.00, -1.96, 37.44
CIELCh	92, 37.491, 93.001
Yxy	80.7044, 0.3763, 0.4010
Android (android.graphics.Color)	4294895520 (0xFFFE7A0)
YUV	229.7830, -34.4030, 21.2383
Hunter-Lab	89.8356, -6.7180, 33.3099

Details

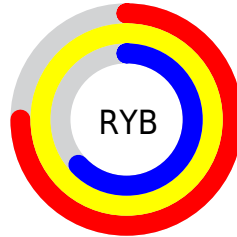
The CIELCh color **92, 37.491, 93.001** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **75, 38.670, 283.402**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 20.216, 108.647**, and **72, 37.410, 93.273** is the 20% darker color. If you saturate the color by 10%, you get **90, 47.618, 91.692**, and if you desaturate by 10%, it is **94, 27.279, 94.289**.

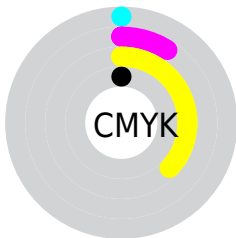
Distribution



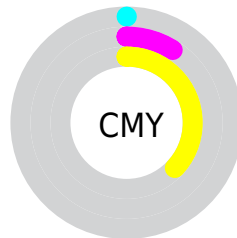
- Red (100%)
- Green (91%)
- Blue (63%)



- Red (75%)
- Yellow (100%)
- Blue (63%)



- Cyan (0%)
- Magenta (9%)
- Yellow (37%)
- Black (0%)



- Cyan (0%)
- Magenta (9%)
- Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 37.491, 93.001 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, 37.491, 93.001 by changing the saturation by 10% instead.

 92, 37.491, 93.001

 92, 37.491, 93.001

 100, 37.491,
93.001

 82, 37.491, 93.001

 72, 37.491, 93.001

 62, 37.491, 93.001

 52, 37.491, 93.001

 42, 37.491, 93.001

 32, 37.491, 93.001

 22, 37.491, 93.001

 12, 37.491, 93.001

 2, 37.491, 93.001

92, 37.491, 93.001

92, 37.491, 93.001

90, 47.618, 91.692

94, 27.279, 94.289

88, 57.442, 90.347

96, 17.094, 95.537

86, 66.591, 88.962

98, 7.000, 96.733

85, 74.458, 87.503

100, 0.373,
201.158

83, 80.206, 85.904

82, 83.074, 84.055

81, 83.583, 83.470

Harmonies

Complementary

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



92, 37.491, 93.001



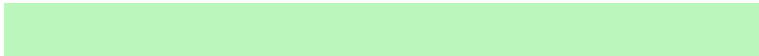
75, 38.670, 283.402

Rectangle

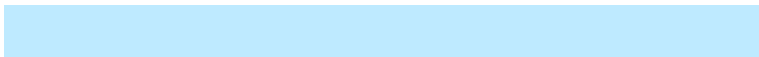
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 37.491, 93.001



92, 37.491, 143.001



92, 37.491, 273.001



92, 37.491, 323.001

Sweetspot

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



92, 37.492, 93.006



98, 11.047, 96.265



76, 37.897, 4.022



52, 7.429, 96.103



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

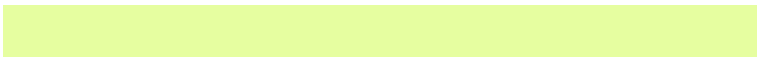
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 37.492, 93.006



91, 44.737, 92.090



96, 47.870, 117.566



52, 5.704, 96.443



63, 67.628, 83.853



21, 29.553, 86.270

Inverse Universe

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



75, 38.670, 283.402



71, 46.590, 284.927



71, 51.996, 302.859



50, 5.750, 278.801



29, 89.660, 300.896



7, 35.884, 296.098

Previews

White Background



This preview shows how the CIE LCh color 92, 37.491, 93.001 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, 37.491, 93.001 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

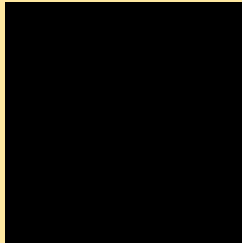
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 37.491, 93.001

Background



This preview shows how black text looks on a background with the CIELCh color 92, 37.491, 93.001.



This preview shows how white text looks on a background with the CIELCh color 92, 37.491, 93.001.

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, 37.491, 93.001

Protanopia

92, 37.567, 95.525

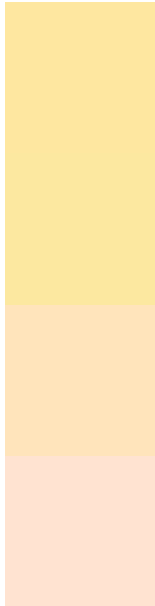
Deuteranopia

92, 16.751, 69.776



Tritanopia
92, 13.007, 349.317

Trichromacy



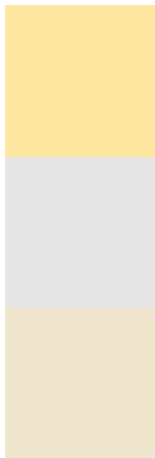
Original Color
92, 37.491, 93.001

Protanomaly
92, 37.655, 94.927

Deuteranomaly
92, 23.634, 82.172

Tritanomaly
92, 14.050, 61.011

Monochromacy



Original Color
92, 37.491, 93.001

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 13.310, 94.497

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 37.491, 93.001 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, 231, 160)` looks like.

```
.text, #text, p{  
    color:rgb(254, 231, 160)  
}
```

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, 231, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 231, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 37.491, 93.001 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, 231, 160) }
```

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

```
.border{ border-color:rgb(254, 231, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 231, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 231, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 231, 160);  
box-shadow:4px 4px 4px 4px rgb(254, 231,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 37.491, 93.001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 231, 160) }
```

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

```
.background{ background-color: rgb(254,  
231, 160) }
```

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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