

Converting Colors

CIELCh(92, 37.969, 91.877)

Have a look what the booklet for
CIELCh(92, 37.969, 91.877) contains.

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Color

CIELCh(92, 37.741, 91.797)

Conversions

Conversions Part 1

Format	Color
Hex	FFE69F
RGB	255, 230, 159
RGB Percent	100%, 90%, 62%
CMY	0.0000, 0.0963, 0.3748
CMYK	0.00, 0.10, 0.37, 0.00
HSL	45°, 100%, 81%
HSV	45°, 37%, 100%
XYZ	76.1236, 80.7044, 44.5567
YIQ	229.3810, 37.6910, -16.7810

Conversions

Conversions Part 2

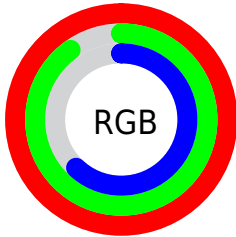
Format	Color
R _Y B	193, 255, 159
Decimal	16770719
CIE Lab	92.00, -1.18, 37.72
CIE LCh	92, 37.741, 91.797
Yxy	80.7044, 0.3780, 0.4007
Android (android.graphics.Color)	4294960799 (0xFFFFE69F)
YUV	229.3810, -34.6978, 22.4679
Hunter-Lab	89.8356, -5.9577, 33.4783

Details

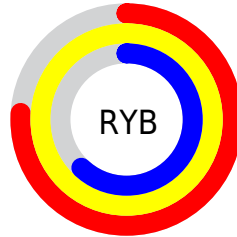
The CIELCh color **92, 37.741, 91.797** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **75, 38.711, 282.728**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 20.719, 108.609**, and **72, 37.672, 91.969** is the 20% darker color. If you saturate the color by 10%, you get **90, 47.775, 90.741**, and if you desaturate by 10%, it is **94, 27.530, 93.373**.

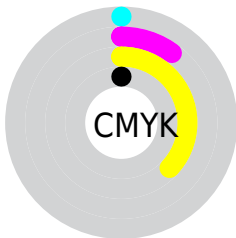
Distribution



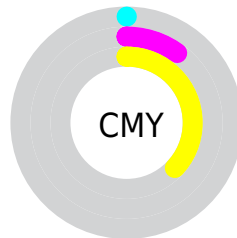
- Red (100%)
- Green (90%)
- Blue (62%)



- Red (76%)
- Yellow (100%)
- Blue (62%)



- Cyan (0%)
- Magenta (10%)
- Yellow (37%)
- Black (0%)



- Cyan (0%)
- Magenta (10%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 37.741, 91.797 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, 37.741, 91.797 by changing the saturation by 10% instead.

92, 37.741, 91.797

92, 37.741, 91.797

100, 37.741,
91.797

82, 37.741, 91.797

72, 37.741, 91.797

62, 37.741, 91.797

52, 37.741, 91.797

42, 37.741, 91.797

32, 37.741, 91.797

22, 37.741, 91.797

12, 37.741, 91.797

2, 37.741, 91.797

92, 37.741, 91.797

92, 37.741, 91.797

90, 47.775, 90.741

94, 27.530, 93.373

88, 57.573, 89.374

96, 17.414, 94.636

86, 66.706, 87.958

98, 7.399, 95.846

84, 74.555, 86.455

100, 0.012,
296.813

83, 80.265, 84.787

81, 83.088, 82.836

81, 83.538, 82.318

Harmonies

Complementary

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



92, 37.741, 91.797



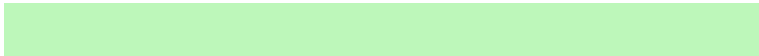
75, 38.711, 282.728

Rectangle

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



92, 37.741, 91.797



92, 37.741, 141.797



92, 37.741, 271.797



92, 37.741, 321.797

Sweetspot

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



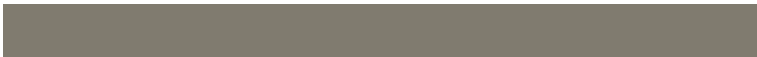
92, 37.690, 92.073



98, 10.908, 95.429



76, 38.690, 2.877



52, 7.336, 95.265



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

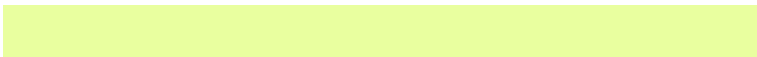
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 37.690, 92.073



90, 45.288, 91.074



97, 48.495, 116.834



52, 5.631, 95.608



62, 67.371, 82.729



21, 29.321, 85.228

Inverse Universe

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



75, 38.711, 282.728



71, 46.959, 284.400



71, 52.823, 302.376



50, 5.671, 277.989



29, 88.255, 300.396



7, 35.355, 295.606

Previews

White Background



This preview shows how the CIELCh color 92, 37.741, 91.797 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, 37.741, 91.797 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, 37.741, 91.797

Background



This preview shows how black text looks on a background with the CIELCh color 92, 37.741, 91.797.



This preview shows how white text looks on a background with the CIELCh color 92, 37.741, 91.797.

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, 37.741, 91.797

Protanopia

92, 37.567, 95.525

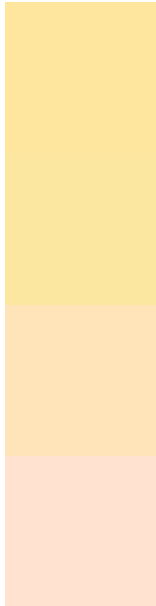
Deuteranopia

92, 17.165, 70.788



Tritanopia
92, 12.760, 351.318

Trichromacy



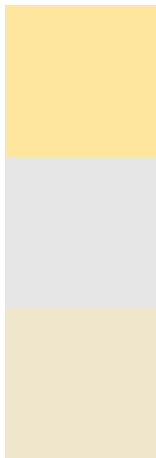
Original Color
92, 37.741, 91.797

Protanomaly
92, 37.288, 94.198

Deuteranomaly
92, 24.102, 82.640

Tritanomaly
92, 14.355, 60.009

Monochromacy



Original Color
92, 37.741, 91.797

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 13.810, 94.974

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 37.741, 91.797 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, 230, 159)` looks like.

```
.text, #text, p{  
    color:rgb(255, 230, 159)  
}
```

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, 230, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 230, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 37.741, 91.797 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, 230, 159) }
```

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

```
.border{ border-color:rgb(255, 230, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 230, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 230, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 230, 159);  
box-shadow:4px 4px 4px 4px rgb(255, 230,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 37.741, 91.797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 230, 159) }
```

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

```
.background{ background-color: rgb(255,  
230, 159) }
```

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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