

Converting Colors

CIELCh(92, 41.282, 93.076)

Have a look what the booklet for
CIELCh(92, 41.282, 93.076) contains.

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Color

CIELCh(92, 41.484, 93.371)

Conversions

Conversions Part 1

Format	Color
Hex	FFE798
RGB	255, 231, 152
RGB Percent	100%, 91%, 60%
CMY	0.0000, 0.0940, 0.4038
CMYK	0.00, 0.09, 0.40, 0.00
HSL	46°, 100%, 80%
HSV	46°, 40%, 100%
XYZ	75.5076, 80.7044, 41.3169
YIQ	229.1700, 39.6630, -19.4810

Conversions

Conversions Part 2

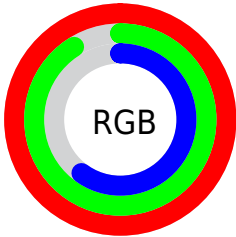
Format	Color
R _Y B	183, 255, 152
Decimal	16770968
CIE Lab	92.00, -2.44, 41.41
CIE LCh	92, 41.484, 93.371
Yxy	80.7044, 0.3823, 0.4086
Android (android.graphics.Color)	4294961048 (0xFFFFE798)
YUV	229.1700, -38.0448, 22.6529
Hunter-Lab	89.8356, -7.1816, 35.6165

Details

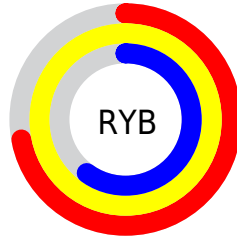
The CIELCh color **92, 41.484, 93.371** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **73, 43.181, 284.839**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 24.233, 108.340**, and **72, 41.506, 93.456** is the 20% darker color. If you saturate the color by 10%, you get **90, 51.630, 92.088**, and if you desaturate by 10%, it is **94, 31.164, 94.673**.

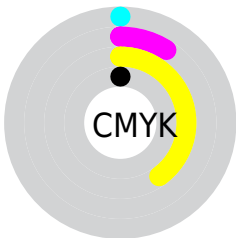
Distribution



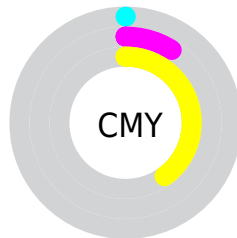
- Red (100%)
- Green (91%)
- Blue (60%)



- Red (72%)
- 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, 41.484, 93.371 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, 41.484, 93.371 by changing the saturation by 10% instead.

 92, 41.484, 93.371

 92, 41.484, 93.371

 100, 41.484,
93.371

 82, 41.484, 93.371

 72, 41.484, 93.371

 62, 41.484, 93.371

 52, 41.484, 93.371

 42, 41.484, 93.371

 32, 41.484, 93.371

 22, 41.484, 93.371

 12, 41.484, 93.371

 2, 41.484, 93.371

■ 92, 41.484, 93.371

■ 92, 41.484, 93.371

■ 90, 51.630, 92.088

■ 94, 31.164, 94.673

■ 88, 61.341, 90.754

■ 96, 20.826, 95.922

■ 87, 70.163, 89.379

■ 98, 10.548, 97.128

■ 85, 77.398, 87.926

100, 0.372, 97.756

■ 84, 82.183, 86.321

100, 0.012,
296.813

■ 82, 84.188, 84.565

Harmonies

Complementary

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



92, 41.484, 93.371



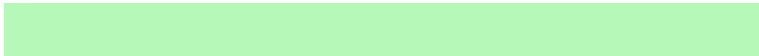
73, 43.181, 284.839

Rectangle

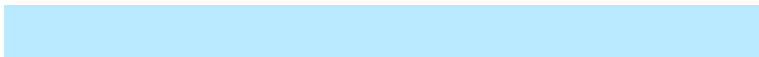
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 41.484, 93.371



92, 41.484, 143.371



92, 41.484, 273.371



92, 41.484, 323.371

Sweetspot

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



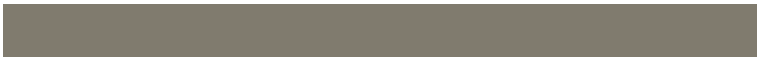
92, 41.482, 93.394



98, 12.208, 96.936



74, 41.511, 5.848



52, 8.104, 96.780



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

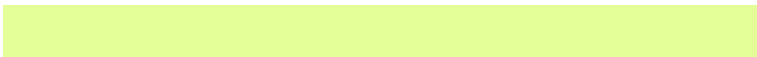
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 41.482, 93.394



91, 49.243, 92.401



96, 52.363, 118.066



52, 5.775, 97.231



63, 67.906, 84.930



21, 29.787, 87.261

Inverse Universe

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



73, 43.181, 284.839



68, 51.933, 286.580



69, 57.296, 303.717



50, 5.828, 279.566



28, 90.989, 301.355



6, 36.379, 296.541

Previews

White Background



This preview shows how the CIE LCh color 92, 41.484, 93.371 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, 41.484, 93.371 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, 41.484, 93.371

Background



This preview shows how black text looks on a background with the CIELCh color 92, 41.484, 93.371.



This preview shows how white text looks on a background with the CIELCh color 92, 41.484, 93.371.

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, 41.484, 93.371

Protanopia

92, 41.564, 95.668

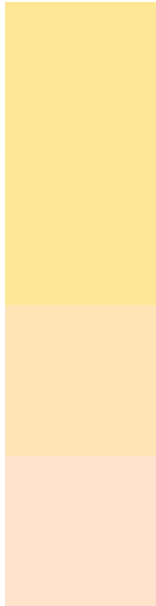
Deuteranopia

92, 17.584, 71.750



Tritanopia
92, 12.760, 351.318

Trichromacy



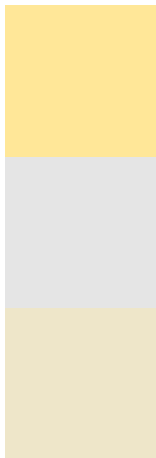
Original Color
92, 41.484, 93.371

Protanomaly
92, 41.651, 95.121

Deuteranomaly
92, 25.516, 83.930

Tritanomaly
92, 15.548, 66.407

Monochromacy



Original Color
92, 41.484, 93.371

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 15.239, 97.587

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 41.484, 93.371 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, 152)` looks like.

```
.text, #text, p{  
    color:rgb(255, 231, 152)  
}
```

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, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 231, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 41.484, 93.371 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, 152) }
```

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

```
.border{ border-color:rgb(255, 231, 152) }
```

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, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 231, 152); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 231, 152); box-shadow:4px 4px 4px 4px rgb(255, 231, 152) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 41.484, 93.371 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, 152) }
```

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

```
.background{ background-color: rgb(255,  
231, 152) }
```

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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