

Converting Colors

CIELCh(92, 15.377, 84.600)

Have a look what the booklet for
CIELCh(92, 15.377, 84.600) contains.

CIELCh(92, 15.316, 84.328)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(92, 15.316, 84.328)

Conversions

Conversions Part 1

Format	Color
Hex	F7E6CB
RGB	247, 230, 203
RGB Percent	97%, 90%, 80%
CMY	0.0312, 0.0979, 0.2038
CMYK	0.00, 0.07, 0.18, 0.03
HSL	37°, 73%, 88%
HSV	37°, 18%, 97%
XYZ	77.4579, 80.7044, 68.0140
YIQ	232.0050, 18.7990, -4.7930

Conversions

Conversions Part 2

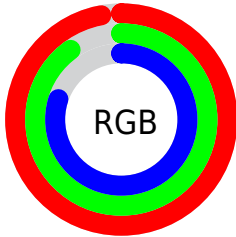
Format	Color
R _Y B	231, 247, 203
Decimal	16246475
CIE Lab	92.00, 1.51, 15.24
CIE LCh	92, 15.316, 84.328
Yxy	80.7044, 0.3425, 0.3568
Android (android.graphics.Color)	4294436555 (0xFFFF7E6CB)
YUV	232.0050, -14.2995, 13.1506
Hunter-Lab	89.8356, -3.3065, 17.9968

Details

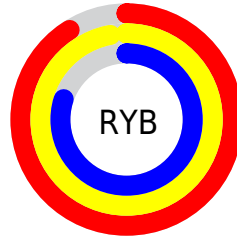
The CIELCh color **92, 15.316, 84.328** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **87, 15.079, 269.242**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 15.332, 85.676** is the 20% darker color. If you saturate the color by 10%, you get **89, 24.263, 82.997**, and if you desaturate by 10%, it is **95, 6.617, 85.618**.

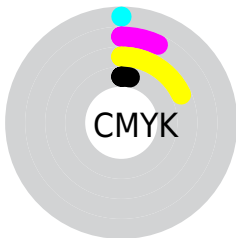
Distribution



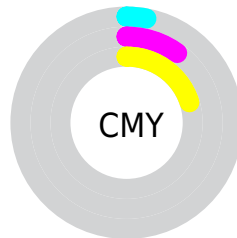
- Red (97%)
- Green (90%)
- Blue (80%)



- Red (91%)
- Yellow (97%)
- Blue (80%)



- Cyan (0%)
- Magenta (7%)
- Yellow (18%)
- Black (3%)



- Cyan (3%)
- Magenta (10%)
- Yellow (20%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 15.316, 84.328 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, 15.316, 84.328 by changing the saturation by 10% instead.

 92, 15.316, 84.328

 92, 15.316, 84.328

 100, 15.316,
84.328

 82, 15.316, 84.328

 72, 15.316, 84.328

 62, 15.316, 84.328

 52, 15.316, 84.328

 42, 15.316, 84.328

 32, 15.316, 84.328

 22, 15.316, 84.328

 12, 15.316, 84.328

 2, 15.316, 84.328

92, 15.316, 84.328

92, 15.316, 84.328

89, 24.263, 82.997

95, 6.617, 85.618

86, 33.436, 81.614

98, 1.840, 267.109

84, 42.773, 80.189

99, 2.759, 199.470

81, 52.132, 78.710

78, 61.222, 77.140

76, 69.500, 75.392

74, 76.090, 73.301

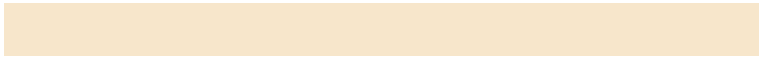
71, 80.063, 70.632

71, 80.761, 70.019

Harmonies

Complementary

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



92, 15.316, 84.328



87, 15.079, 269.242

Rectangle

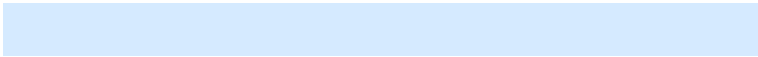
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 15.316, 84.328



92, 15.316, 134.328



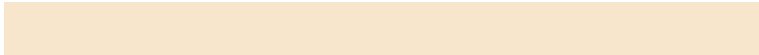
92, 15.316, 264.328



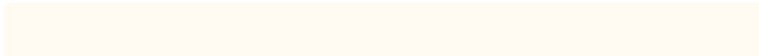
92, 15.316, 314.328

Sweetspot

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



92, 15.317, 84.338



98, 4.325, 85.949



86, 18.509, 351.106



52, 2.954, 85.869



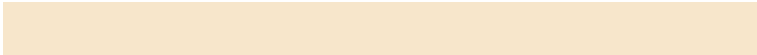
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



92, 15.317, 84.338



94, 18.617, 83.911



96, 22.433, 112.646



50, 4.791, 85.412



55, 65.250, 70.650



16, 25.164, 73.192

Inverse Universe

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



87, 15.079, 269.242



88, 18.265, 269.785



83, 23.363, 295.762



48, 4.761, 267.973



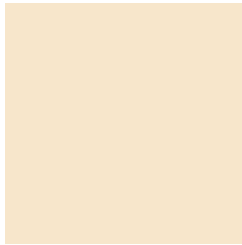
34, 70.723, 293.381



8, 27.051, 287.133

Previews

White Background



This preview shows how the CIE LCh color 92, 15.316, 84.328 looks on a white background.

Color Contrast Check

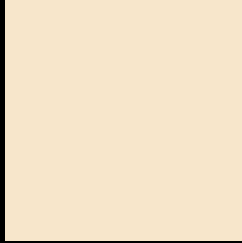
Large Text (above 18pt) WCAG AA × Fail

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, 15.316, 84.328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

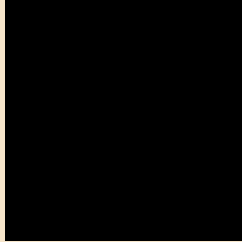
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

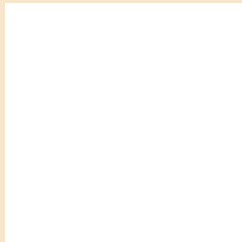
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 15.316, 84.328

Background



This preview shows how black text looks on a background with the CIELCh color 92, 15.316, 84.328.

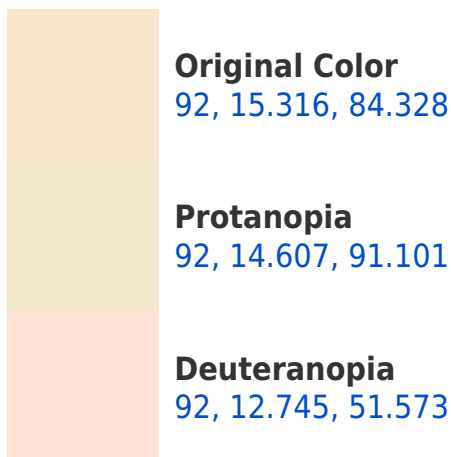


This preview shows how white text looks on a background with the CIELCh color 92, 15.316, 84.328.

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](#).

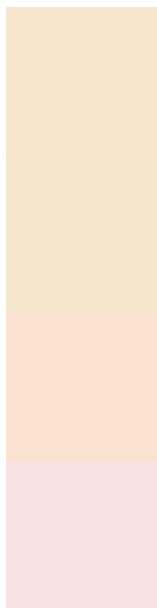
Dichromacy





Tritanopia
92, 13.660, 337.477

Trichromacy



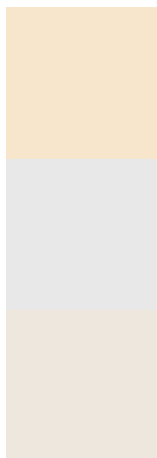
Original Color
92, 15.316, 84.328

Protanomaly
92, 14.728, 89.702

Deuteranomaly
92, 13.207, 64.257

Tritanomaly
92, 8.769, 13.223

Monochromacy



Original Color
92, 15.316, 84.328

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 5.579, 86.743

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 15.316, 84.328 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(247, 230, 203)` looks like.

```
.text, #text, p{  
    color:rgb(247, 230, 203)  
}
```

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(247, 230, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 230, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 15.316, 84.328 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(247, 230, 203) }
```

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

```
.border{ border-color:rgb(247, 230, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 230, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 230, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 230, 203);  
box-shadow:4px 4px 4px 4px rgb(247, 230,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 15.316, 84.328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 230, 203) }
```

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

```
.background{ background-color: rgb(247,  
230, 203) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor