

Converting Colors

CIELCh(92, 21.370, 92.912)

Have a look what the booklet for
CIELCh(92, 21.370, 92.912) contains.

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Color

CIELCh(92, 21.366, 92.903)

Conversions

Conversions Part 1

Format	Color
Hex	F6E7BF
RGB	246, 231, 191
RGB Percent	96%, 91%, 75%
CMY	0.0343, 0.0931, 0.2500
CMYK	0.00, 0.06, 0.22, 0.03
HSL	44°, 76%, 86%
HSV	44°, 22%, 97%
XYZ	76.1735, 80.7044, 60.9932
YIQ	230.9250, 21.7800, -9.2600

Conversions

Conversions Part 2

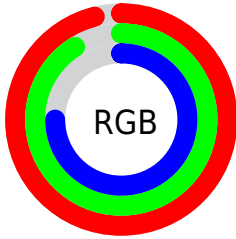
Format	Color
R _Y B	212, 246, 191
Decimal	16181183
CIE Lab	92.00, -1.08, 21.34
CIE LCh	92, 21.366, 92.903
Yxy	80.7044, 0.3496, 0.3704
Android (android.graphics.Color)	4294371263 (0xFFFF6E7BF)
YUV	230.9250, -19.6830, 13.2208
Hunter-Lab	89.8356, -5.8586, 22.6304

Details

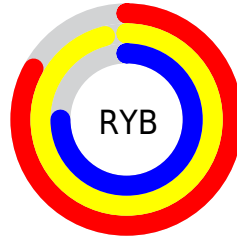
The CIELCh color **92, 21.366, 92.903** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **83, 21.586, 278.837**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 4.046, 109.857**, and **72, 21.747, 93.914** is the 20% darker color. If you saturate the color by 10%, you get **90, 31.113, 91.615**, and if you desaturate by 10%, it is **94, 11.717, 94.161**.

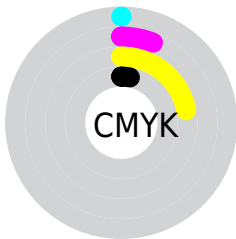
Distribution



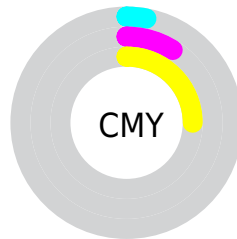
- Red (96%)
- Green (91%)
- Blue (75%)



- Red (83%)
- Yellow (96%)
- Blue (75%)



- Cyan (0%)
- Magenta (6%)
- Yellow (22%)
- Black (3%)



- Cyan (3%)
- Magenta (9%)
- Yellow (25%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 21.366, 92.903 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, 21.366, 92.903 by changing the saturation by 10% instead.

 92, 21.366, 92.903

 92, 21.366, 92.903

 100, 21.366,
92.903

 82, 21.366, 92.903

 72, 21.366, 92.903

 62, 21.366, 92.903

 52, 21.366, 92.903

 42, 21.366, 92.903

 32, 21.366, 92.903

 22, 21.366, 92.903

 12, 21.366, 92.903

 2, 21.366, 92.903

92, 21.366, 92.903

92, 21.366, 92.903

90, 31.113, 91.615

94, 11.717, 94.161

88, 40.880, 90.283

96, 2.196, 95.292

86, 50.523, 88.915

98, 2.541, 245.873

84, 59.776, 87.502

99, 3.025, 199.432

82, 68.181, 86.016

80, 75.018, 84.394

79, 79.406, 82.522

77, 81.036, 80.877

Harmonies

Complementary

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



92, 21.366, 92.903



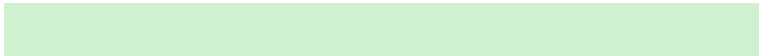
83, 21.586, 278.837

Rectangle

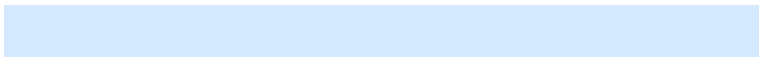
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 21.366, 92.903



92, 21.366, 142.903



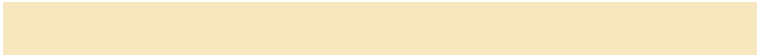
92, 21.366, 272.903



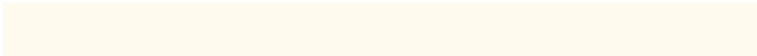
92, 21.366, 322.903

Sweetspot

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



92, 21.367, 92.910



98, 6.806, 94.800



83, 22.030, 359.468



52, 4.425, 94.729



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

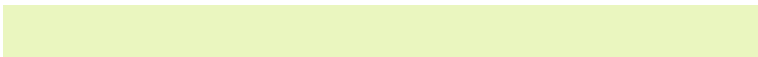
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 21.367, 92.910



94, 26.645, 92.305



95, 28.323, 117.138



50, 5.358, 94.508



60, 65.757, 81.318



18, 26.722, 84.044

Inverse Universe

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



83, 21.586, 278.837



83, 26.985, 279.651



80, 29.717, 300.349



48, 5.388, 276.908



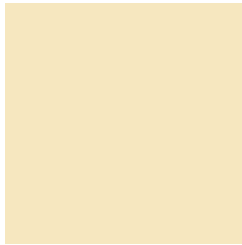
29, 84.529, 299.656



6, 31.867, 293.584

Previews

White Background



This preview shows how the CIE LCh color 92, 21.366, 92.903 looks on a white background.

Color Contrast Check

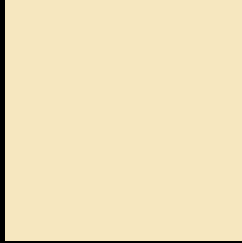
Large Text (above 18pt) WCAG AA × Fail

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, 21.366, 92.903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

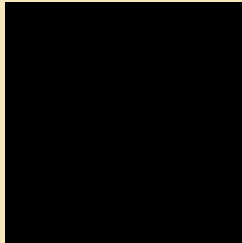
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 21.366, 92.903

Background



This preview shows how black text looks on a background with the CIELCh color 92, 21.366, 92.903.

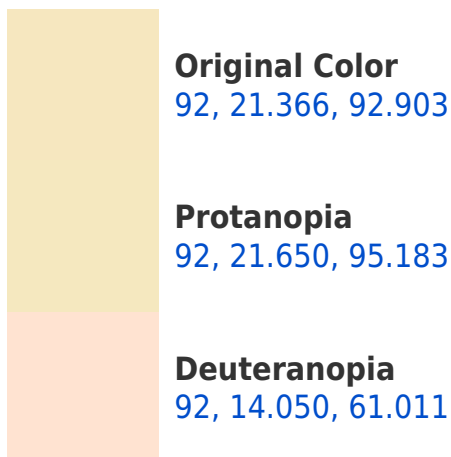


This preview shows how white text looks on a background with the CIELCh color 92, 21.366, 92.903.

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](#).

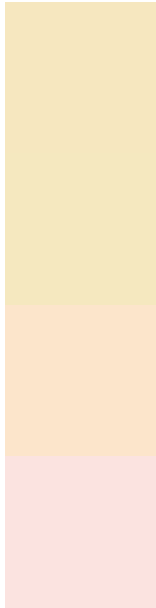
Dichromacy





Tritanopia
92, 13.922, 338.512

Trichromacy



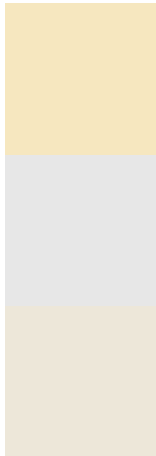
Original Color
92, 21.366, 92.903

Protanomaly
92, 21.650, 95.183

Deuteranomaly
92, 15.994, 76.161

Tritanomaly
92, 8.901, 29.906

Monochromacy



Original Color
92, 21.366, 92.903

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 7.527, 92.634

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 21.366, 92.903 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(246, 231, 191)` looks like.

```
.text, #text, p{  
  color:rgb(246, 231, 191)  
}
```

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(246, 231, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 231, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 21.366, 92.903 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(246, 231, 191) }
```

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

```
.border{ border-color:rgb(246, 231, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 231, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 231, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 231, 191);  
box-shadow:4px 4px 4px 4px rgb(246, 231,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 21.366, 92.903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 231, 191) }
```

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

```
.background{ background-color: rgb(246,  
231, 191) }
```

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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