

Converting Colors

CIELCh(92, 15.786, 77.321)

Have a look what the booklet for
CIELCh(92, 15.786, 77.321) contains.

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Color

CIELCh(92, 15.786, 77.321)

Conversions

Conversions Part 1

Format	Color
Hex	FBE5CB
RGB	251, 229, 203
RGB Percent	98%, 90%, 80%
CMY	0.0165, 0.1027, 0.2047
CMYK	0.00, 0.09, 0.19, 0.02
HSL	33°, 85%, 89%
HSV	33°, 19%, 98%
XYZ	78.4327, 80.7044, 67.8232
YIQ	232.6140, 21.4580, -3.4220

Conversions

Conversions Part 2

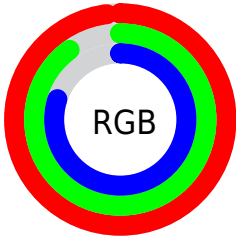
Format	Color
R _Y B	244, 251, 203
Decimal	16508363
CIE Lab	92.00, 3.46, 15.40
CIE LCh	92, 15.786, 77.321
Yxy	80.7044, 0.3456, 0.3556
Android (android.graphics.Color)	4294698443 (0xFFFFBE5CB)
YUV	232.6140, -14.5997, 16.1245
Hunter-Lab	89.8356, -1.3696, 18.1228

Details

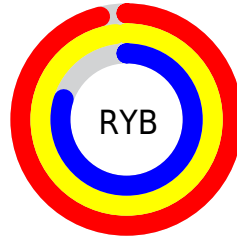
The CIELCh color **92, 15.786, 77.321** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **89, 15.204, 262.623**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 15.799, 78.211** is the 20% darker color. If you saturate the color by 10%, you get **89, 24.530, 76.016**, and if you desaturate by 10%, it is **95, 7.384, 78.599**.

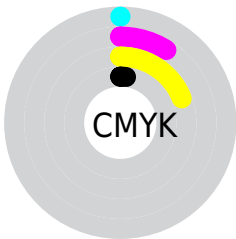
Distribution



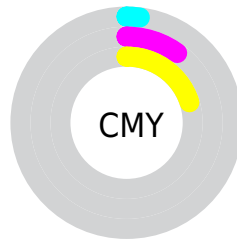
- Red (98%)
- Green (90%)
- Blue (80%)



- Red (96%)
- Yellow (98%)
- Blue (80%)



- Cyan (0%)
- Magenta (9%)
- Yellow (19%)
- Black (2%)



- Cyan (2%)
- Magenta (10%)
- Yellow (20%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 15.786, 77.321 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, 15.786, 77.321 by changing the saturation by 10% instead.

 92, 15.786, 77.321

 92, 15.786, 77.321

 100, 15.786,
77.321

 82, 15.786, 77.321

 72, 15.786, 77.321

 62, 15.786, 77.321

 52, 15.786, 77.321

 42, 15.786, 77.321

 32, 15.786, 77.321

 22, 15.786, 77.321

 12, 15.786, 77.321

 2, 15.786, 77.321

92, 15.786, 77.321

92, 15.786, 77.321

89, 24.530, 76.016

95, 7.384, 78.599

85, 33.613, 74.672

99, 0.696, 260.485

82, 42.994, 73.299

100, 1.459,
199.767

79, 52.551, 71.881

76, 62.012, 70.368

73, 70.828, 68.646

71, 78.053, 66.488

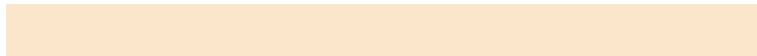
68, 82.768, 63.637

68, 83.139, 63.389

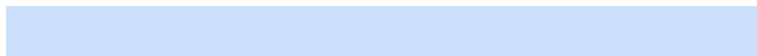
Harmonies

Complementary

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



92, 15.786, 77.321



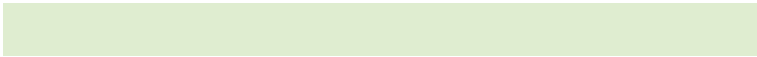
89, 15.204, 262.623

Rectangle

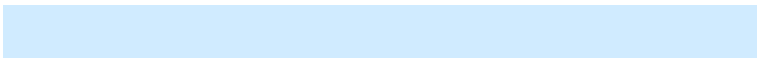
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 15.786, 77.321



92, 15.786, 127.321



92, 15.786, 257.321



92, 15.786, 307.321

Sweetspot

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



92, 15.787, 77.331



98, 4.883, 78.969



86, 20.973, 347.220



52, 3.243, 78.894



0, 0.000, 0.000



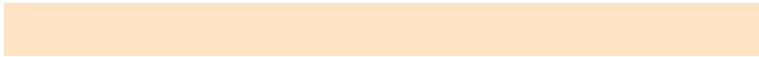
53, 0.007, 296.813

Same Dimension

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



92, 15.787, 77.331



92, 19.385, 76.825



97, 24.314, 109.725



50, 4.585, 78.555



52, 66.962, 64.084



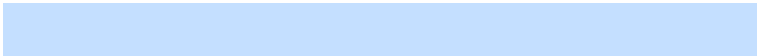
16, 25.891, 65.917

Inverse Universe

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



89, 15.204, 262.623



88, 18.508, 263.303



83, 25.421, 293.530



49, 4.511, 261.132



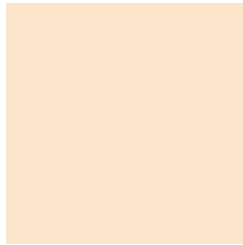
39, 62.626, 287.972



10, 24.735, 281.421

Previews

White Background



This preview shows how the CIELCh color 92, 15.786, 77.321 looks on a white background.

Color Contrast Check

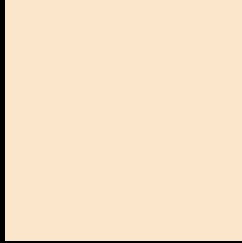
Large Text (above 18pt) WCAG AA × Fail

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, 15.786, 77.321 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

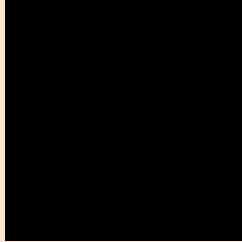
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 15.786, 77.321

Background



This preview shows how black text looks on a background with the CIELCh color 92, 15.786, 77.321.

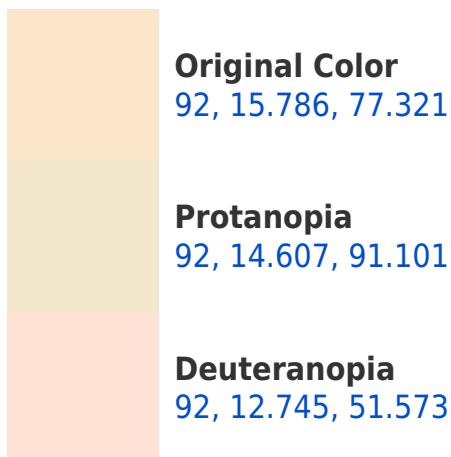


This preview shows how white text looks on a background with the CIELCh color 92, 15.786, 77.321.

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](#).

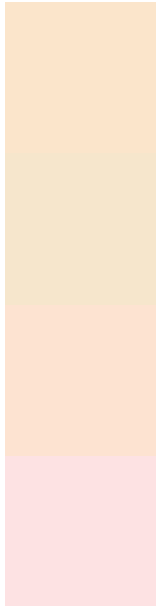
Dichromacy





Tritanopia
92, 14.143, 342.092

Trichromacy



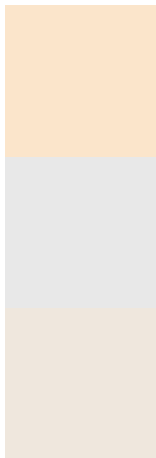
Original Color
92, 15.786, 77.321

Protanomaly
92, 14.684, 84.907

Deuteranomaly
92, 13.482, 63.130

Tritanomaly
92, 9.843, 17.050

Monochromacy



Original Color
92, 15.786, 77.321

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 5.899, 80.173

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 15.786, 77.321 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(251, 229, 203)` looks like.

```
.text, #text, p{  
    color:rgb(251, 229, 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(251, 229, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 229, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 15.786, 77.321 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(251, 229, 203) }
```

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

```
.border{ border-color:rgb(251, 229, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 229, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 229, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 229, 203);  
box-shadow:4px 4px 4px 4px rgb(251, 229,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 15.786, 77.321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 229, 203) }
```

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

```
.background{ background-color: rgb(251,  
229, 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](#).

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