

Converting Colors

CIELCh(91, 17.590, 66.851)

Have a look what the booklet for
CIELCh(91, 17.590, 66.851) contains.

CIELCh(91, 17.573, 66.860)	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(91, 17.573, 66.860)

Conversions

Conversions Part 1

Format	Color
Hex	FFE0C7
RGB	255, 224, 199
RGB Percent	100%, 88%, 78%
CMY	0.0011, 0.1226, 0.2206
CMYK	0.00, 0.12, 0.22, 0.00
HSL	27°, 99%, 89%
HSV	27°, 22%, 100%
XYZ	77.9973, 78.4833, 64.9090
YIQ	230.4190, 26.5010, -1.2030

Conversions

Conversions Part 2

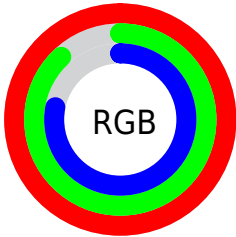
Format	Color
R _Y B	255, 244, 199
Decimal	16769223
CIE Lab	91.00, 6.91, 16.16
CIE LCh	91, 17.573, 66.860
Yxy	78.4833, 0.3523, 0.3545
Android (android.graphics.Color)	4294959303 (0xFFFFE0C7)
YUV	230.4190, -15.4896, 21.5575
Hunter-Lab	88.5908, 2.1215, 18.5728

Details

The CIELCh color **91, 17.573, 66.860** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90, 16.231, 252.506**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 17.703, 67.060** is the 20% darker color. If you saturate the color by 10%, you get **87, 26.317, 65.737**, and if you desaturate by 10%, it is **95, 9.310, 67.994**.

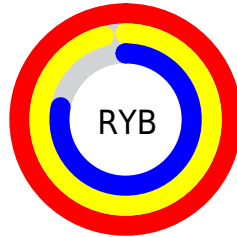
Distribution



Red (100%)

Green (88%)

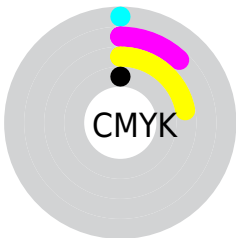
Blue (78%)



Red (100%)

Yellow (96%)

Blue (78%)

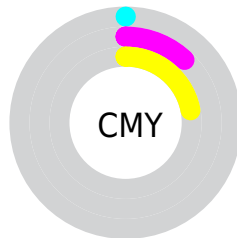


Cyan (0%)

Magenta (12%)

Yellow (22%)

Black (0%)



Cyan (0%)

Magenta (12%)

Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 17.573, 66.860 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 91, 17.573, 66.860 by changing the saturation by 10% instead.

 91, 17.573, 66.860

 91, 17.573, 66.860

 100, 17.573,
66.860

 81, 17.573, 66.860

 71, 17.573, 66.860

 61, 17.573, 66.860

 51, 17.573, 66.860

 41, 17.573, 66.860

 31, 17.573, 66.860

 21, 17.573, 66.860

 11, 17.573, 66.860

 1, 17.573, 66.860

91, 17.573, 66.860

91, 17.573, 66.860

87, 26.317, 65.737

95, 9.310, 67.994

83, 35.558, 64.613

99, 1.490, 68.862

80, 45.273, 63.500

100, 0.097,
206.247

76, 55.353, 62.380

73, 65.516, 61.184

69, 75.149, 59.752

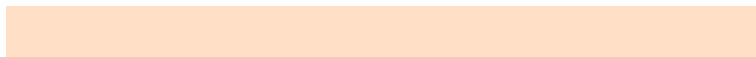
66, 83.126, 57.751

64, 87.763, 55.604

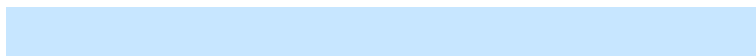
Harmonies

Complementary

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



91, 17.573, 66.860



90, 16.231, 252.506

Rectangle

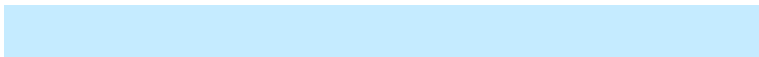
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 17.573, 66.860



91, 17.573, 116.860



91, 17.573, 246.860



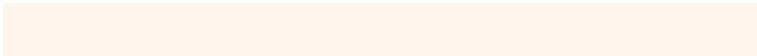
91, 17.573, 296.860

Sweetspot

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



91, 17.573, 66.870



97, 5.369, 68.527



86, 26.067, 342.049



52, 3.494, 68.465



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



91, 17.573, 66.870



89, 21.049, 66.414



98, 26.467, 105.088



51, 4.392, 68.264



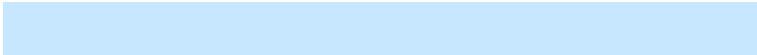
49, 70.404, 56.306



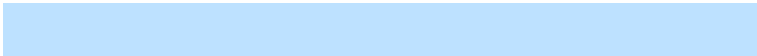
15, 27.157, 56.571

Inverse Universe

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



90, 16.231, 252.506



88, 19.124, 253.210



83, 27.670, 290.035



51, 4.259, 250.658



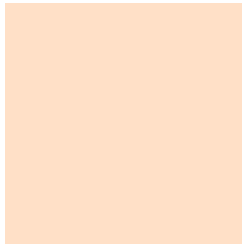
44, 52.297, 278.426



13, 21.562, 271.481

Previews

White Background



This preview shows how the CIELCh color 91, 17.573, 66.860 looks on a white background.

Color Contrast Check

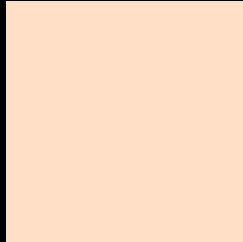
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 91, 17.573, 66.860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

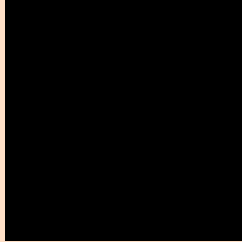
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 17.573, 66.860

Background



This preview shows how black text looks on a background with the CIELCh color 91, 17.573, 66.860.

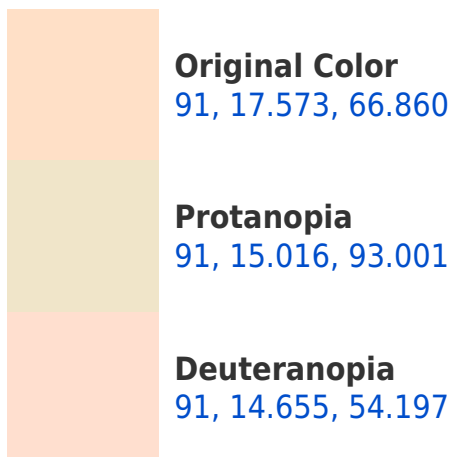



This preview shows how white text looks on a background with the CIELCh color 91, 17.573, 66.860.

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](#).

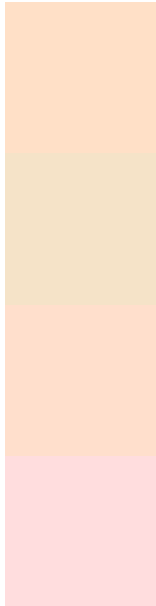
Dichromacy





Tritanopia
91, 14.800, 348.919

Trichromacy



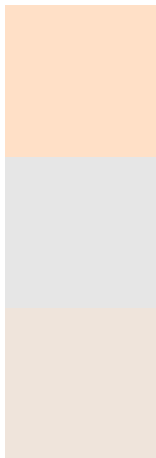
Original Color
91, 17.573, 66.860

Protanomaly
91, 15.522, 83.023

Deuteranomaly
91, 15.641, 58.659

Tritanomaly
91, 12.500, 17.902

Monochromacy



Original Color
91, 17.573, 66.860

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 6.123, 68.784

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 17.573, 66.860 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, 224, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 224, 199)  
}
```

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, 224, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 224, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 17.573, 66.860 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, 224, 199) }
```

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

```
.border{ border-color:rgb(255, 224, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 224, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 224, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 224, 199);  
box-shadow:4px 4px 4px 4px rgb(255, 224,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 17.573, 66.860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 224, 199) }
```

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

```
.background{ background-color: rgb(255,  
224, 199) }
```

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