

Converting Colors

CIELCh(91, 13.987, 358.309)

Have a look what the booklet for
CIELCh(91, 13.987, 358.309)
contains.

CIELCh(91, 13.705, 358.280)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(91, 13.705, 358.280)

Conversions

Conversions Part 1

Format	Color
Hex	FFDCE6
RGB	255, 220, 230
RGB Percent	100%, 86%, 90%
CMY	0.0000, 0.1356, 0.0964
CMYK	0.00, 0.14, 0.10, 0.00
HSL	343°, 100%, 93%
HSV	343°, 14%, 100%
XYZ	81.4424, 78.4833, 86.0279
YIQ	231.6050, 17.6500, 10.5300

Conversions

Conversions Part 2

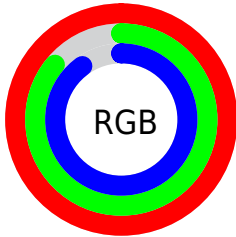
Format	Color
R _Y B	255, 220, 230
Decimal	16768230
CIE Lab	91.00, 13.70, -0.41
CIE LCh	91, 13.705, 358.280
Yxy	78.4833, 0.3311, 0.3191
Android (android.graphics.Color)	4294958310 (0xFFFFDCE6)
YUV	231.6050, -0.7913, 20.5174
Hunter-Lab	88.5908, 9.0629, 4.4388

Details

The CIELCh color **91, 13.705, 358.280** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **97, 13.015, 175.482**, 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 **71, 13.734, 357.374** is the 20% darker color. If you saturate the color by 10%, you get **84, 24.009, 359.216**, and if you desaturate by 10%, it is **98, 3.486, 356.882**.

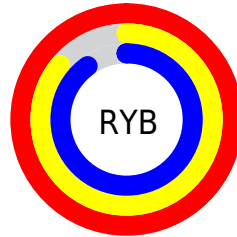
Distribution



Red (100%)

Green (86%)

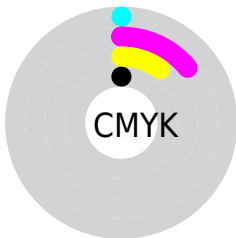
Blue (90%)



Red (100%)

Yellow (86%)

Blue (90%)

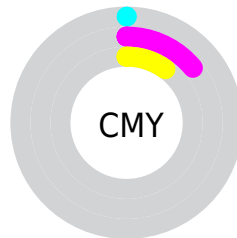


Cyan (0%)

Magenta (14%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (14%)


Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 13.705, 358.280 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, 13.705, 358.280 by changing the saturation by 10% instead.


 91, 13.705,
358.280


 91, 13.705,
358.280


 100, 13.705,
358.280


 81, 13.705,
358.280


 71, 13.705,
358.280

 61, 13.705,
358.280

 51, 13.705,
358.280

 41, 13.705,
358.280

 31, 13.705,
358.280

 21, 13.705,

358.280

■ 11, 13.705,
358.280

■ 1, 13.705, 358.280

■ 91, 13.705,
358.280

■ 91, 13.705,
358.280

■ 84, 24.009,
359.216

■ 98, 3.486, 356.882

■ 78, 34.715, 0.619

100, 0.012,
296.813

■ 72, 45.447, 2.310

■ 67, 55.860, 4.396

■ 62, 65.498, 7.019

■ 59, 73.878, 10.352

■ 56, 80.664, 14.561

■ 54, 85.895, 19.704

■ 54, 88.807, 23.328

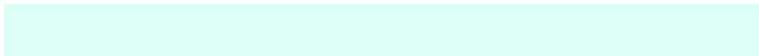
Harmonies

Complementary

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



91, 13.705, 358.280



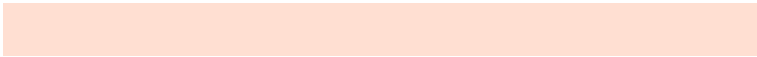
97, 13.015, 175.482

Rectangle

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



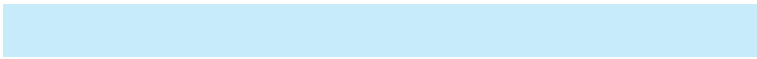
91, 13.705, 358.280



91, 13.705, 48.280



91, 13.705, 178.280



91, 13.705, 228.280

Sweetspot

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



91, 13.556, 358.019



97, 3.920, 356.942



91, 19.896, 316.300



51, 2.790, 357.038



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

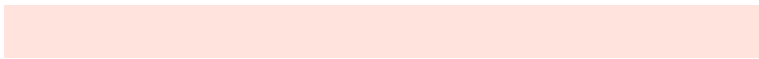
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 13.556, 358.019



89, 16.075, 358.297



92, 10.801, 39.187



50, 5.636, 357.572



40, 71.067, 22.237



10, 31.507, 13.497

Inverse Universe

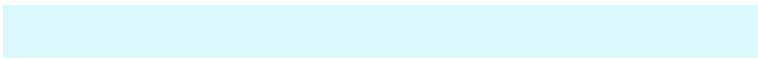
The Inverse Universe completely reimagines the original color for something new.



91, 13.556, 358.019



89, 16.075, 358.297



96, 9.897, 219.975



50, 5.636, 357.572



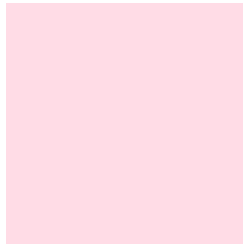
40, 71.067, 22.237



10, 31.507, 13.497

Previews

White Background



This preview shows how the CIELCh color 91, 13.705, 358.280 looks on a white background.

Color Contrast Check

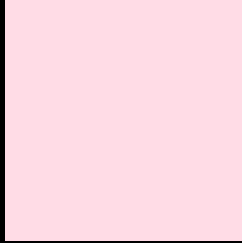
Large Text (above 18pt) WCAG AA × Fail

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, 13.705, 358.280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

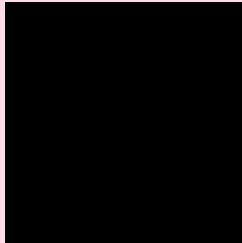
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 13.705, 358.280

Background



This preview shows how black text looks on a background with the CIELCh color 91, 13.705, 358.280.

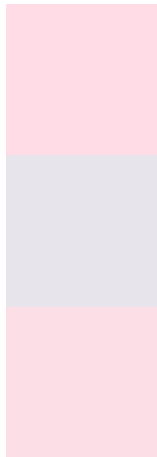


This preview shows how white text looks on a background with the CIELCh color 91, 13.705, 358.280.

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

91, 13.705, 358.280

Protanopia

91, 3.920, 311.608

Deuteranopia

91, 11.286, 358.734



Tritanopia
91, 15.064, 347.227

Trichromacy



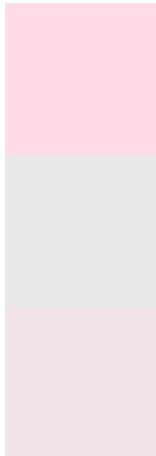
Original Color
91, 13.705, 358.280

Protanomaly
91, 6.807, 342.334

Deuteranomaly
91, 12.156, 357.796

Tritanomaly
91, 14.550, 350.672

Monochromacy



Original Color
91, 13.705, 358.280

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 4.587, 359.861

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 13.705, 358.280 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, 220, 230)` looks like.

```
.text, #text, p{  
    color:rgb(255, 220, 230)  
}
```

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, 220, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 220, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 13.705, 358.280 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, 220, 230) }
```

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

```
.border{ border-color:rgb(255, 220, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 220, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 220, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 220, 230);  
box-shadow:4px 4px 4px 4px rgb(255, 220,  
230) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 13.705, 358.280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 220, 230) }
```

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

```
.background{ background-color: rgb(255,  
220, 230) }
```

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