

Converting Colors

CIELCh(100, 49.006, 19.052)

Have a look what the booklet for
CIELCh(100, 49.006, 19.052)
contains.

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Color

CIELCh(91, 13.622, 5.015)

Conversions

Conversions Part 1

Format	Color
Hex	FFDCE3
RGB	255, 220, 227
RGB Percent	100%, 86%, 89%
CMY	0.0000, 0.1357, 0.1083
CMYK	0.00, 0.14, 0.11, 0.00
HSL	348°, 100%, 93%
HSV	348°, 14%, 100%
XYZ	81.3761, 78.4833, 83.8109
YIQ	231.2630, 18.6130, 9.5970

Conversions

Conversions Part 2

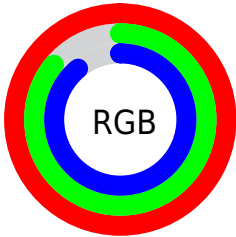
Format	Color
R_{YB}	255, 220, 227
Decimal	16768227
CIE _{Lab}	91.00, 13.57, 1.19
CIE _{LCh}	91, 13.622, 5.015
Yxy	78.4833, 0.3340, 0.3221
Android (android.graphics.Color)	4294958307 (0xFFFFDCE3)
YUV	231.2630, -2.1017, 20.8173
Hunter-Lab	88.5908, 8.9292, 5.9226

Details

The CIELCh color **91, 13.622, 5.015** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **97, 12.423, 181.895**, 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, 13.248, 3.948** is the 20% darker color. If you saturate the color by 10%, you get **84, 23.344, 5.575**, and if you desaturate by 10%, it is **98, 3.364, 3.224**.

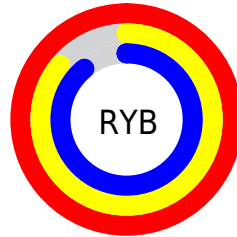
Distribution



Red (100%)

Green (86%)

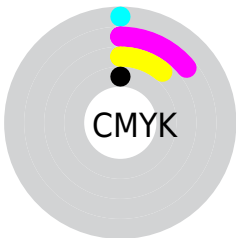
Blue (89%)



Red (100%)

Yellow (86%)

Blue (89%)

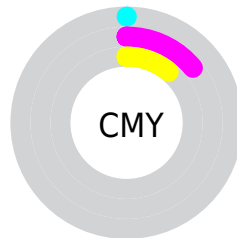


Cyan (0%)

Magenta (14%)

Yellow (11%)

Black (0%)



Cyan (0%)

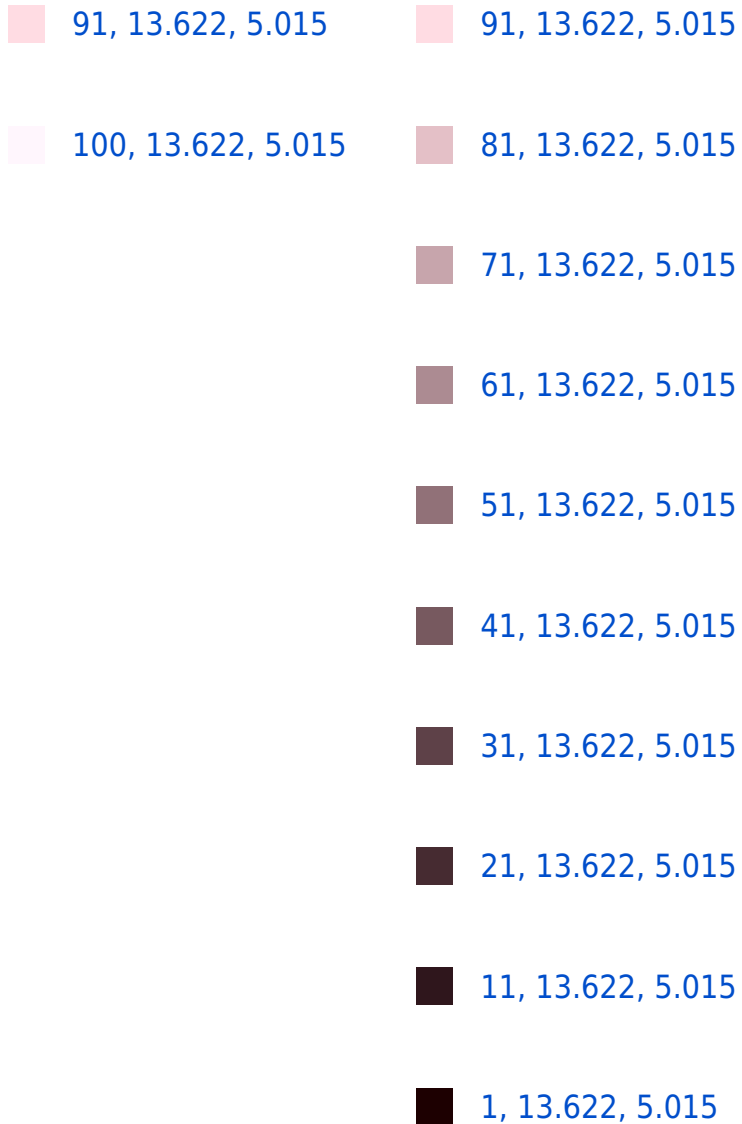
Magenta (14%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 13.622, 5.015 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, 13.622, 5.015 by changing the saturation by 10% instead.



91, 13.622, 5.015

91, 13.622, 5.015

84, 23.344, 5.575

98, 3.364, 3.224

78, 33.962, 7.020

100, 0.012,
296.813

72, 44.780, 8.792

67, 55.496, 11.010

62, 65.708, 13.821

58, 74.986, 17.385

56, 83.033, 21.809

54, 89.832, 27.005

53, 93.765, 30.453

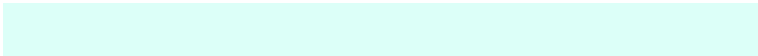
Harmonies

Complementary

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



91, 13.622, 5.015



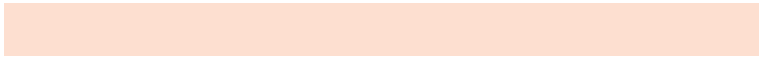
97, 12.423, 181.895

Rectangle

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



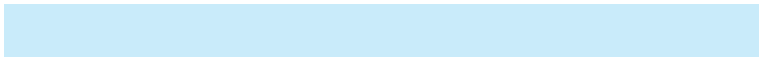
91, 13.622, 5.015



91, 13.622, 55.015



91, 13.622, 185.015



91, 13.622, 235.015

Sweetspot

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



91, 13.112, 4.364



97, 3.768, 3.283



91, 20.354, 318.899



51, 2.683, 3.379



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, 13.112, 4.364



89, 15.552, 4.641



93, 10.444, 48.664



50, 5.433, 3.914



40, 74.835, 29.428



10, 31.971, 18.622

Inverse Universe

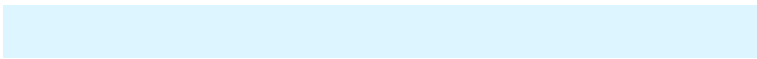
The Inverse Universe completely reimagines the original color for something new.



91, 13.112, 4.364



89, 15.552, 4.641



95, 9.655, 230.544



50, 5.433, 3.914



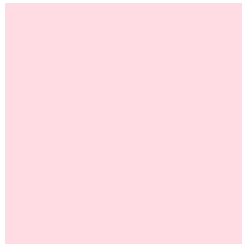
40, 74.835, 29.428



10, 31.971, 18.622

Previews

White Background



This preview shows how the CIELCh color 91, 13.622, 5.015 looks on a white background.

Color Contrast Check

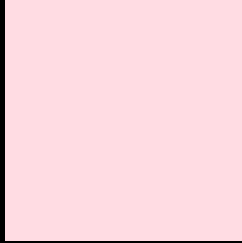
Large Text (above 18pt) WCAG AA × Fail

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 91, 13.622, 5.015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

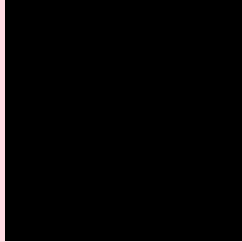
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 13.622, 5.015

Background



This preview shows how black text looks on a background with the CIELCh color 91, 13.622, 5.015.

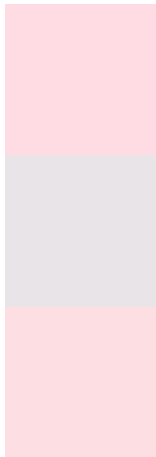


This preview shows how white text looks on a background with the CIELCh color 91, 13.622, 5.015.

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, 13.253, 4.550

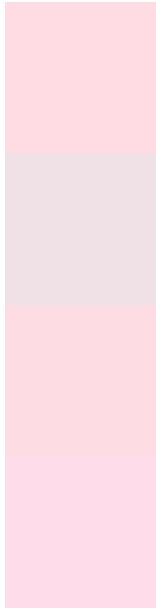
Protanopia
91, 2.536, 324.423

Deuteranopia
91, 11.216, 6.894



Tritanopia
91, 15.651, 346.397

Trichromacy



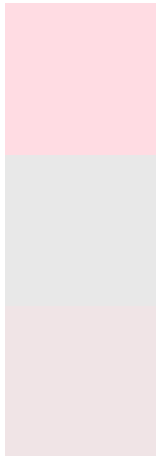
Original Color
91, 13.253, 4.550

Protanomaly
91, 5.996, 354.185

Deuteranomaly
91, 12.053, 5.378

Tritanomaly
91, 14.315, 352.485

Monochromacy



Original Color
91, 13.253, 4.550

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 4.440, 6.137

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 13.622, 5.015 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, 227)` looks like.

```
.text, #text, p{  
    color:rgb(255, 220, 227)  
}
```

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, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 220, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 13.622, 5.015 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, 227) }
```

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

```
.border{ border-color:rgb(255, 220, 227) }
```

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, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 220, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 220, 227);  
box-shadow:4px 4px 4px 4px rgb(255, 220,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 13.622, 5.015 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, 227) }
```

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

```
.background{ background-color: rgb(255,  
220, 227) }
```

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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