

Converting Colors

CIELCh(91, 12.296, 17.646)

Have a look what the booklet for
CIELCh(91, 12.296, 17.646) contains.

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Color

CIELCh(91, 12.511, 15.548)

Conversions

Conversions Part 1

Format	Color
Hex	FFDDDF
RGB	255, 221, 223
RGB Percent	100%, 87%, 87%
CMY	0.0000, 0.1324, 0.1246
CMYK	0.00, 0.13, 0.12, 0.00
HSL	356°, 100%, 93%
HSV	356°, 13%, 100%
XYZ	80.5987, 78.4833, 80.8790
YIQ	231.3940, 19.6220, 7.8300

Conversions

Conversions Part 2

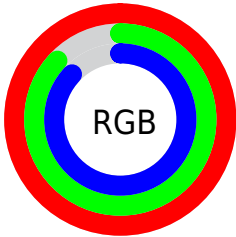
Format	Color
R _Y B	255, 221, 223
Decimal	16768479
CIE Lab	91.00, 12.05, 3.35
CIE LCh	91, 12.511, 15.548
Yxy	78.4833, 0.3359, 0.3271
Android (android.graphics.Color)	4294958559 (0xFFFFDDDF)
YUV	231.3940, -4.1382, 20.7025
Hunter-Lab	88.5908, 7.3629, 7.8847

Details

The CIELCh color **91, 12.511, 15.548** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **98, 11.509, 193.634**, 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, 12.466, 15.512** is the 20% darker color. If you saturate the color by 10%, you get **84, 22.581, 16.574**, and if you desaturate by 10%, it is **98, 2.932, 14.515**.

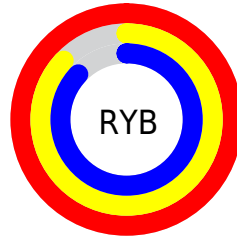
Distribution



Red (100%)

Green (87%)

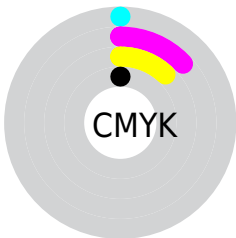
Blue (87%)



Red (100%)

Yellow (87%)

Blue (87%)

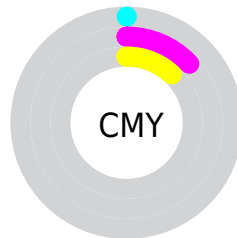


Cyan (0%)

Magenta (13%)

Yellow (12%)

Black (0%)



Cyan (0%)

Magenta (13%)

Yellow (12%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 12.511, 15.548 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, 12.511, 15.548 by changing the saturation by 10% instead.

 91, 12.511, 15.548

 91, 12.511, 15.548

 100, 12.511,
15.548

 81, 12.511, 15.548

 71, 12.511, 15.548

 61, 12.511, 15.548

 51, 12.511, 15.548

 41, 12.511, 15.548

 31, 12.511, 15.548

 21, 12.511, 15.548

 11, 12.511, 15.548

 1, 12.511, 15.548

91, 12.511, 15.548

91, 12.511, 15.548

84, 22.581, 16.574

98, 2.932, 14.515

78, 33.383, 17.892

100, 0.012,
296.813

72, 44.709, 19.571

67, 56.335, 21.730

62, 67.930, 24.496

58, 79.090, 27.953

55, 89.360, 32.011

54, 98.010, 36.155

53, 102.279,
38.348

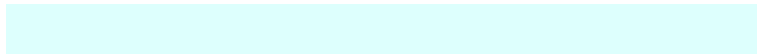
Harmonies

Complementary

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



91, 12.511, 15.548



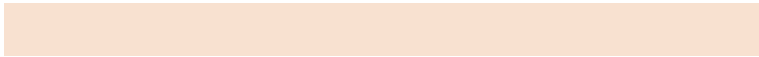
98, 11.509, 193.634

Rectangle

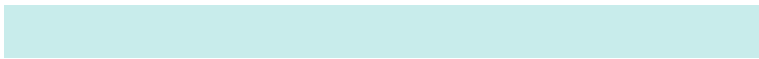
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



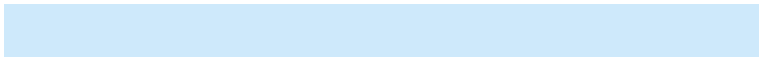
91, 12.511, 15.548



91, 12.511, 65.548



91, 12.511, 195.548



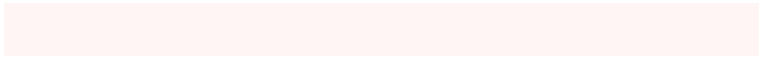
91, 12.511, 245.548

Sweetspot

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



91, 12.418, 15.516



97, 3.630, 14.615



92, 20.708, 323.303



51, 2.587, 14.701



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

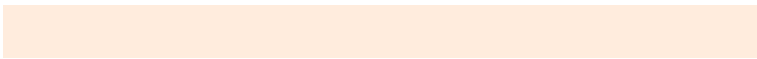
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 12.418, 15.516



89, 15.157, 15.788



94, 10.279, 66.351



50, 5.262, 15.163



40, 81.771, 37.771



10, 32.895, 24.798

Inverse Universe

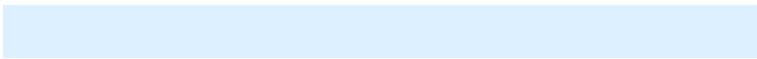
The Inverse Universe completely reimagines the original color for something new.



91, 12.418, 15.516



89, 15.157, 15.788



94, 9.798, 249.582



50, 5.262, 15.163



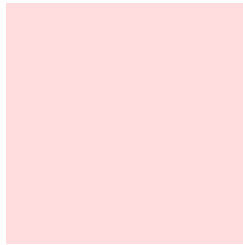
40, 81.771, 37.771



10, 32.895, 24.798

Previews

White Background



This preview shows how the CIELCh color 91, 12.511, 15.548 looks on a white background.

Color Contrast Check

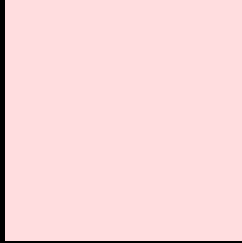
Large Text (above 18pt) WCAG AA × Fail

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, 12.511, 15.548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

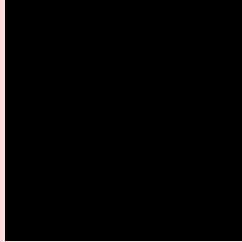
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

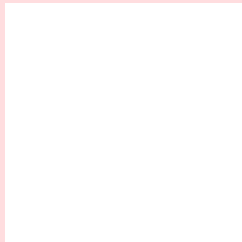
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 12.511, 15.548

Background



This preview shows how black text looks on a background with the CIELCh color 91, 12.511, 15.548.

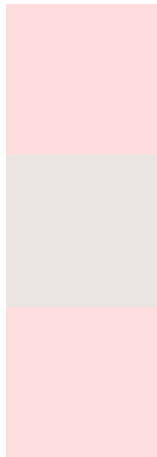


This preview shows how white text looks on a background with the CIELCh color 91, 12.511, 15.548.

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, 12.511, 15.548

Protanopia

91, 2.208, 32.809

Deuteranopia

91, 11.741, 17.688



Tritanopia
91, 15.064, 347.227

Trichromacy



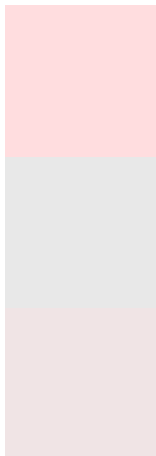
Original Color
91, 12.511, 15.548

Protanomaly
91, 5.789, 19.707

Deuteranomaly
91, 11.741, 17.688

Tritanomaly
91, 13.892, 356.291

Monochromacy



Original Color
91, 12.511, 15.548

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 4.350, 12.759

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 12.511, 15.548 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, 221, 223)` looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 223)  
}
```

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, 221, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 12.511, 15.548 is called "border". The border property can be set on classes, ids or directly on the HTML element.

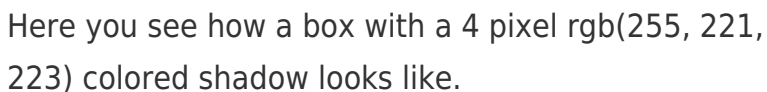
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 221, 223) }
```

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

```
.border{ border-color:rgb(255, 221, 223) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 221, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 221, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 221, 223);  
box-shadow:4px 4px 4px 4px rgb(255, 221,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 12.511, 15.548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 221, 223) }
```

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

```
.background{ background-color: rgb(255,  
221, 223) }
```

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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