

Converting Colors

CIELCh(100, 48.454, 21.922)

Have a look what the booklet for
CIELCh(100, 48.454, 21.922)
contains.

CIELCh(91, 12.896, 15.721)	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, 12.896, 15.721)

Conversions

Conversions Part 1

Format	Color
Hex	FFDDDF
RGB	255, 221, 223
RGB Percent	100%, 87%, 87%
CMY	0.0000, 0.1334, 0.1256
CMYK	0.00, 0.13, 0.13, 0.00
HSL	356°, 100%, 93%
HSV	356°, 13%, 100%
XYZ	80.7830, 78.4833, 80.6907
YIQ	231.3940, 19.6220, 7.8300

Conversions

Conversions Part 2

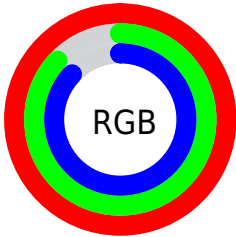
Format	Color
R _Y B	255, 221, 223
Decimal	16768479
CIE Lab	91.00, 12.41, 3.49
CIE LCh	91, 12.896, 15.721
Yxy	78.4833, 0.3367, 0.3271
Android (android.graphics.Color)	4294958559 (0xFFFFDDDF)
YUV	231.3940, -4.1382, 20.7025
Hunter-Lab	88.5908, 7.7342, 8.0108

Details

The CIELCh color **91, 12.896, 15.721** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **98, 11.591, 193.665**, 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, 22.685, 16.621**, and if you desaturate by 10%, it is **98, 3.022, 14.565**.

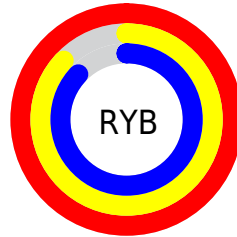
Distribution



Red (100%)

Green (87%)

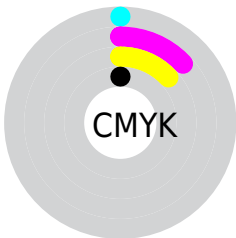
Blue (87%)



Red (100%)

Yellow (87%)

Blue (87%)

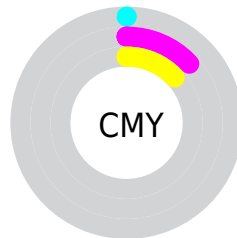


Cyan (0%)

Magenta (13%)

Yellow (13%)

Black (0%)



Cyan (0%)

Magenta (13%)

Yellow (13%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 12.896, 15.721 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, 12.896, 15.721 by changing the saturation by 10% instead.

 91, 12.896, 15.721

 91, 12.896, 15.721

 100, 12.896,
15.721

 81, 12.896, 15.721

 71, 12.896, 15.721

 61, 12.896, 15.721

 51, 12.896, 15.721

 41, 12.896, 15.721

 31, 12.896, 15.721

 21, 12.896, 15.721

 11, 12.896, 15.721

 1, 12.896, 15.721

91, 12.896, 15.721

91, 12.896, 15.721

84, 22.685, 16.621

98, 3.022, 14.565

78, 33.494, 17.941

100, 0.012,
296.813

72, 44.827, 19.623

67, 56.458, 21.787

62, 68.056, 24.559

58, 79.215, 28.021

55, 89.480, 32.081

54, 98.108, 36.215

53, 102.298,
38.363

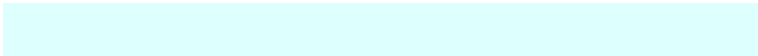
Harmonies

Complementary

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



91, 12.896, 15.721



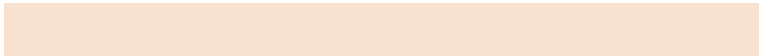
98, 11.591, 193.665

Rectangle

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



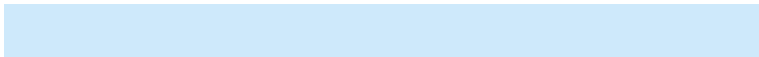
91, 12.896, 15.721



91, 12.896, 65.721



91, 12.896, 195.721



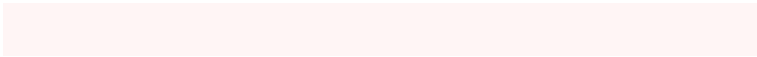
91, 12.896, 245.721

Sweetspot

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



91, 12.515, 15.561



97, 3.630, 14.651



92, 20.864, 323.308



51, 2.586, 14.738



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

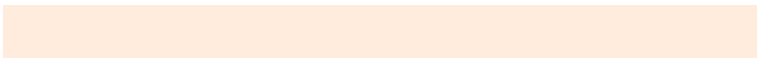
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 12.515, 15.561



89, 15.157, 15.824



94, 10.359, 66.340



50, 5.262, 15.199



40, 81.789, 37.788



10, 32.898, 24.817

Inverse Universe

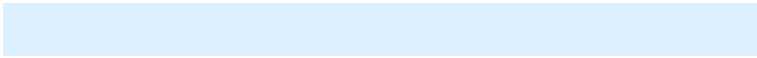
The Inverse Universe completely reimagines the original color for something new.



91, 12.515, 15.561



89, 15.157, 15.824



94, 9.870, 249.596



50, 5.262, 15.199



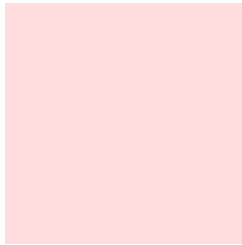
40, 81.789, 37.788



10, 32.898, 24.817

Previews

White Background



This preview shows how the CIELCh color 91, 12.896, 15.721 looks on a white background.

Color Contrast Check

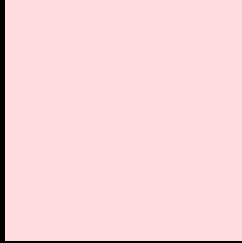
Large Text (above 18pt) WCAG AA × Fail

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, 12.896, 15.721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

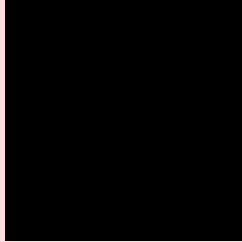
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

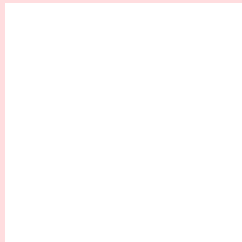
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 12.896, 15.721

Background



This preview shows how black text looks on a background with the CIELCh color 91, 12.896, 15.721.

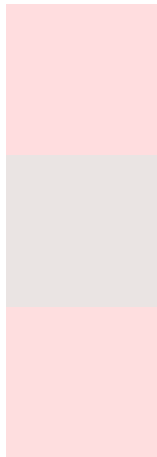


This preview shows how white text looks on a background with the CIELCh color 91, 12.896, 15.721.

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



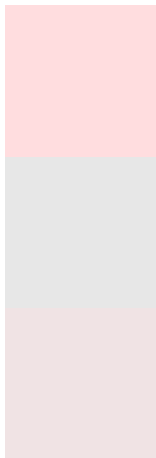
Original Color
91, 12.511, 15.548

Protanomaly
91, 6.176, 14.952

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
91, 4.714, 13.323

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 12.896, 15.721 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, 12.896, 15.721 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, 12.896, 15.721 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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