

Converting Colors

CIELCh(100, 48.990, 21.299)

Have a look what the booklet for
CIELCh(100, 48.990, 21.299)
contains.

CIELCh(91, 12.926, 13.444)	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, 12.926, 13.444)

Conversions

Conversions Part 1

Format	Color
Hex	FFDDE0
RGB	255, 221, 224
RGB Percent	100%, 87%, 88%
CMY	0.0000, 0.1337, 0.1219
CMYK	0.00, 0.13, 0.12, 0.00
HSL	355°, 100%, 93%
HSV	355°, 13%, 100%
XYZ	80.8640, 78.4833, 81.3465
YIQ	231.5080, 19.3010, 8.1410

Conversions

Conversions Part 2

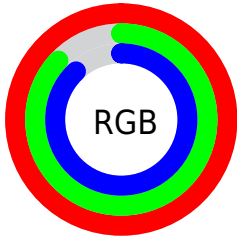
Format	Color
RYB	255, 221, 224
Decimal	16768480
CIELab	91.00, 12.57, 3.01
CIELCh	91, 12.926, 13.444
Yxy	78.4833, 0.3360, 0.3261
Android (android.graphics.Color)	4294958560 (0xFFFFDDE0)
YUV	231.5080, -3.7014, 20.6025
Hunter-Lab	88.5908, 7.8974, 7.5719

Details

The CIELCh color **91, 12.926, 13.444** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **98, 11.700, 191.178**, 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, 12.497, 13.036** is the 20% darker color. If you saturate the color by 10%, you get **84, 22.723, 14.342**, and if you desaturate by 10%, it is **98, 3.061, 12.188**.

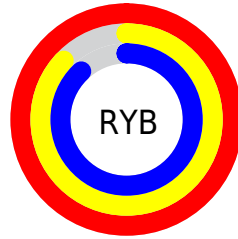
Distribution



Red (100%)

Green (87%)

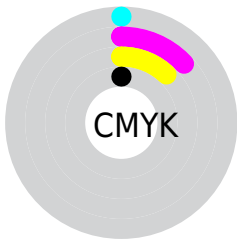
Blue (88%)



Red (100%)

Yellow (87%)

Blue (88%)

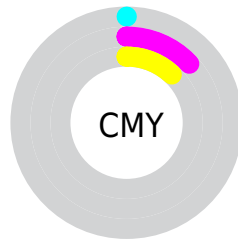


Cyan (0%)

Magenta (13%)

Yellow (12%)

Black (0%)



Cyan (0%)

Magenta (13%)

Yellow (12%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 12.926, 13.444 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, 12.926, 13.444 by changing the saturation by 10% instead.

 91, 12.926, 13.444

 91, 12.926, 13.444

 100, 12.926,
13.444

 81, 12.926, 13.444

 71, 12.926, 13.444

 61, 12.926, 13.444

 51, 12.926, 13.444

 41, 12.926, 13.444

 31, 12.926, 13.444

 21, 12.926, 13.444

 11, 12.926, 13.444

 1, 12.926, 13.444

91, 12.926, 13.444

91, 12.926, 13.444

84, 22.723, 14.342

98, 3.061, 12.188

78, 33.459, 15.707

100, 0.012,
296.813

72, 44.650, 17.432

67, 56.058, 19.634

62, 67.342, 22.449

58, 78.102, 25.981

55, 87.953, 30.193

54, 96.410, 34.681

53, 100.865,
37.252

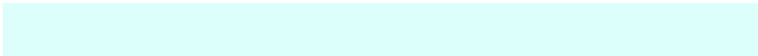
Harmonies

Complementary

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



91, 12.926, 13.444



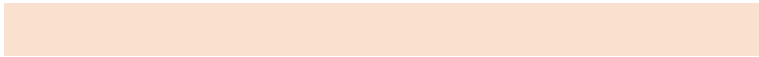
98, 11.700, 191.178

Rectangle

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



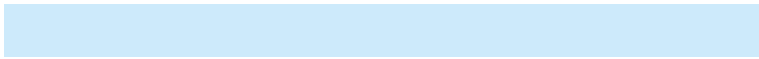
91, 12.926, 13.444



91, 12.926, 63.444



91, 12.926, 193.444



91, 12.926, 243.444

Sweetspot

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



91, 12.574, 13.232



97, 3.646, 12.273



91, 20.703, 322.356



51, 2.598, 12.363



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

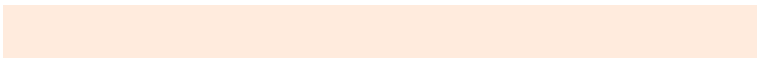
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 12.574, 13.232



89, 15.187, 13.505



94, 10.272, 62.476



50, 5.279, 12.848



40, 80.541, 36.545



10, 32.685, 23.616

Inverse Universe

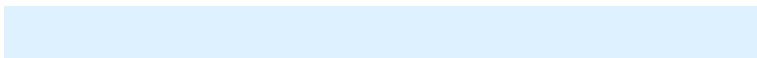
The Inverse Universe completely reimagines the original color for something new.



91, 12.574, 13.232



89, 15.187, 13.505



94, 9.715, 245.513



50, 5.279, 12.848



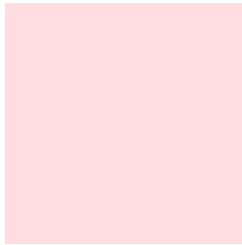
40, 80.541, 36.545



10, 32.685, 23.616

Previews

White Background



This preview shows how the CIELCh color 91, 12.926, 13.444 looks on a white background.

Color Contrast Check

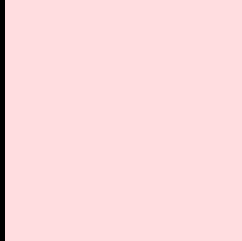
Large Text (above 18pt) WCAG AA × Fail

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, 12.926, 13.444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

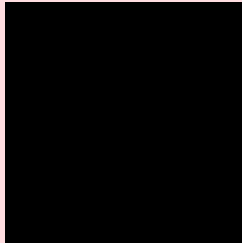
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 12.926, 13.444

Background



This preview shows how black text looks on a background with the CIELCh color 91, 12.926, 13.444.

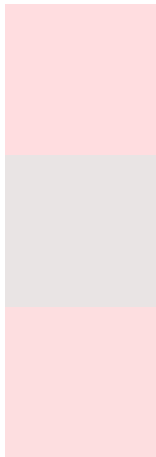


This preview shows how white text looks on a background with the CIELCh color 91, 12.926, 13.444.

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, 12.543, 13.203

Protanopia

91, 1.791, 19.190

Deuteranopia

91, 11.384, 14.988



Tritanopia
91, 15.064, 347.227

Trichromacy



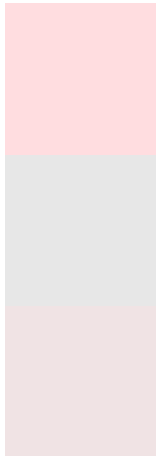
Original Color
91, 12.543, 13.203

Protanomaly
91, 5.875, 9.595

Deuteranomaly
91, 11.755, 15.183

Tritanomaly
91, 14.095, 354.359

Monochromacy



Original Color
91, 12.543, 13.203

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, 12.926, 13.444 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, 224)` looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 224)  
}
```

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, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 12.926, 13.444 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, 224) }
```

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

```
.border{ border-color:rgb(255, 221, 224) }
```

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, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 221, 224); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 221, 224); box-shadow:4px 4px 4px 4px rgb(255, 221, 224) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 12.926, 13.444 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, 224) }
```

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

```
.background{ background-color: rgb(255,  
221, 224) }
```

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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