

Converting Colors

CIELCh(91, 14.060, 50.014)

Have a look what the booklet for
CIELCh(91, 14.060, 50.014) contains.

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Color

CIELCh(91, 14.056, 50.877)

Conversions

Conversions Part 1

Format	Color
Hex	FFDFD1
RGB	255, 223, 209
RGB Percent	100%, 87%, 82%
CMY	0.0008, 0.1262, 0.1812
CMYK	0.00, 0.13, 0.18, 0.00
HSL	18°, 99%, 91%
HSV	18°, 18%, 100%
XYZ	78.9828, 78.4833, 71.1796
YIQ	230.9720, 23.5660, 2.4300

Conversions

Conversions Part 2

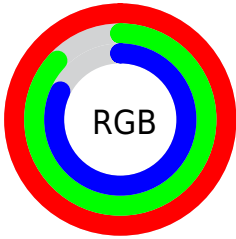
Format	Color
R _Y B	255, 229, 209
Decimal	16768977
CIE Lab	91.00, 8.87, 10.90
CIE LCh	91, 14.056, 50.877
Yxy	78.4833, 0.3454, 0.3433
Android (android.graphics.Color)	4294959057 (0xFFFFDFD1)
YUV	230.9720, -10.8322, 21.0726
Hunter-Lab	88.5908, 4.1072, 14.3761

Details

The CIELCh color **91, 14.056, 50.877** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93, 12.682, 233.727**, 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, 13.966, 50.456** is the 20% darker color. If you saturate the color by 10%, you get **86, 22.708, 50.343**, and if you desaturate by 10%, it is **96, 6.034, 51.465**.

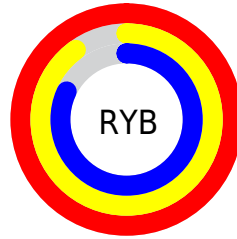
Distribution



Red (100%)

Green (87%)

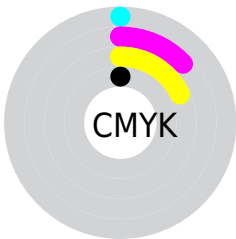
Blue (82%)



Red (100%)

Yellow (90%)

Blue (82%)

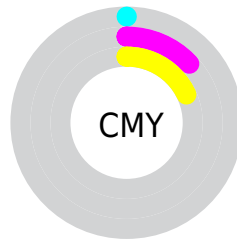


Cyan (0%)

Magenta (13%)

Yellow (18%)

Black (0%)



Cyan (0%)

Magenta (13%)

Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 14.056, 50.877 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, 14.056, 50.877 by changing the saturation by 10% instead.

 91, 14.056, 50.877

 91, 14.056, 50.877

 100, 14.056,
50.877

 81, 14.056, 50.877

 71, 14.056, 50.877

 61, 14.056, 50.877

 51, 14.056, 50.877

 41, 14.056, 50.877

 31, 14.056, 50.877

 21, 14.056, 50.877

 11, 14.056, 50.877

 1, 14.056, 50.877

91, 14.056, 50.877

91, 14.056, 50.877

86, 22.708, 50.343

96, 6.034, 51.465

81, 32.038, 49.883

100, 0.071,
208.777

77, 42.064, 49.532

73, 52.747, 49.301

69, 63.927, 49.164

65, 75.193, 49.010

62, 85.614, 48.544

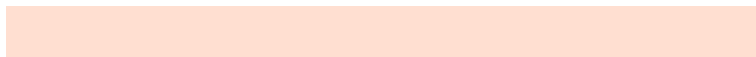
59, 93.587, 47.238

59, 94.958, 46.988

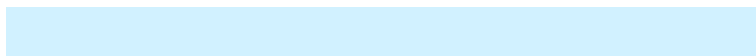
Harmonies

Complementary

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



91, 14.056, 50.877



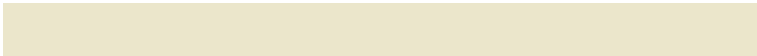
93, 12.682, 233.727

Rectangle

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



91, 14.056, 50.877



91, 14.056, 100.877



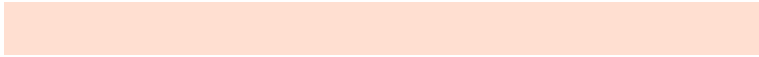
91, 14.056, 230.877



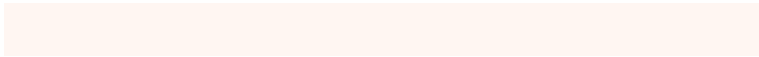
91, 14.056, 280.877

Sweetspot

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



91, 14.055, 50.889



98, 3.706, 51.606



88, 23.417, 335.545



52, 2.536, 51.580



0, 0.000, 0.000



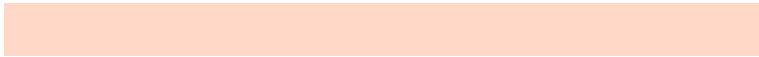
53, 0.007, 296.813

Same Dimension

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



91, 14.055, 50.889



89, 17.406, 50.666



97, 19.028, 98.301



51, 4.288, 51.385



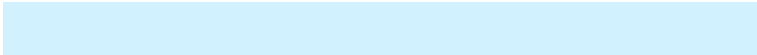
44, 76.040, 47.561



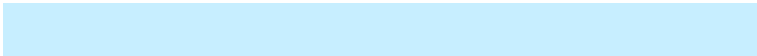
13, 28.498, 44.159

Inverse Universe

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



93, 12.682, 233.727



92, 15.315, 234.164



87, 19.414, 282.750



51, 4.075, 232.938



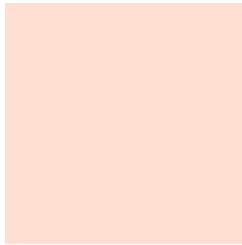
52, 39.769, 257.077



16, 17.336, 250.015

Previews

White Background



This preview shows how the CIE LCh color 91, 14.056, 50.877 looks on a white background.

Color Contrast Check

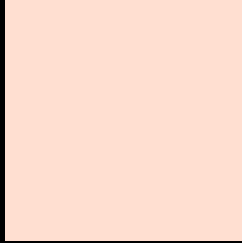
Large Text (above 18pt) WCAG AA × Fail

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, 14.056, 50.877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

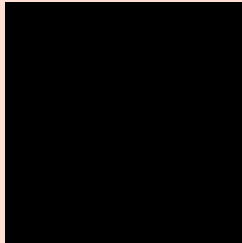
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 14.056, 50.877

Background



This preview shows how black text looks on a background with the CIELCh color 91, 14.056, 50.877.

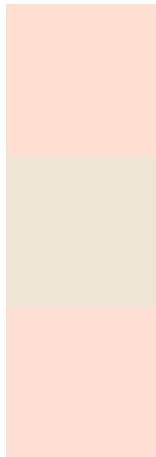


This preview shows how white text looks on a background with the CIELCh color 91, 14.056, 50.877.

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, 14.056, 50.877

Protanopia

91, 9.367, 88.682

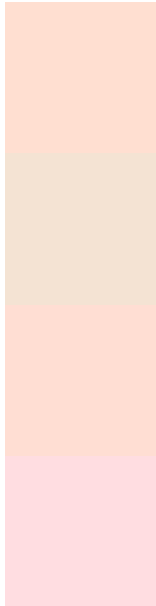
Deuteranopia

91, 13.390, 42.738



Tritanopia
91, 14.800, 348.919

Trichromacy



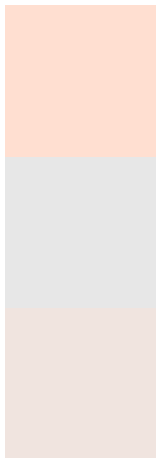
Original Color
91, 14.056, 50.877

Protanomaly
91, 10.393, 72.081

Deuteranomaly
91, 13.620, 44.683

Tritanomaly
91, 12.598, 10.874

Monochromacy



Original Color
91, 14.056, 50.877

Achromatopsia
92, 0.011, 296.813

Achromatomaly
91, 5.047, 50.266

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 14.056, 50.877 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, 223, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 223, 209)  
}
```

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, 223, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 223, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 14.056, 50.877 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, 223, 209) }
```

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

```
.border{ border-color:rgb(255, 223, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 223, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 223, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 223, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 223,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 14.056, 50.877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 223, 209) }
```

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

```
.background{ background-color: rgb(255,  
223, 209) }
```

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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