

Converting Colors

CIELCh(100, 49.671, 25.074)

Have a look what the booklet for
CIELCh(100, 49.671, 25.074)
contains.

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Color

CIELCh(91, 13.158, 29.265)

Conversions

Conversions Part 1

Format	Color
Hex	FFDDD9
RGB	255, 221, 217
RGB Percent	100%, 87%, 85%
CMY	0.0000, 0.1318, 0.1475
CMYK	0.00, 0.13, 0.15, 0.00
HSL	6°, 100%, 93%
HSV	6°, 15%, 100%
XYZ	80.3055, 78.4833, 76.8245
YIQ	230.7100, 21.5480, 5.9640

Conversions

Conversions Part 2

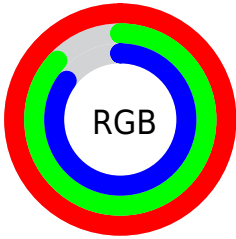
Format	Color
R _Y B	255, 221, 217
Decimal	16768473
CIE Lab	91.00, 11.48, 6.43
CIE LCh	91, 13.158, 29.265
Yxy	78.4833, 0.3408, 0.3331
Android (android.graphics.Color)	4294958553 (0xFFFFDDD9)
YUV	230.7100, -6.7590, 21.3023
Hunter-Lab	88.5908, 6.7722, 10.5983

Details

The CIELCh color **91, 13.158, 29.265** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 11.429, 209.157**, 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, 12.788, 30.186** is the 20% darker color. If you saturate the color by 10%, you get **85, 22.080, 30.116**, and if you desaturate by 10%, it is **97, 3.898, 29.209**.

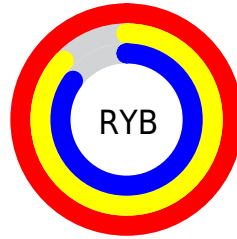
Distribution



Red (100%)

Green (87%)

Blue (85%)



Red (100%)

Yellow (87%)

Blue (85%)

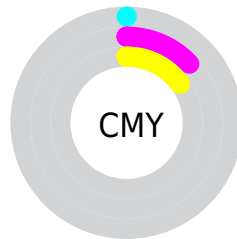


Cyan (0%)

Magenta (13%)

Yellow (15%)

Black (0%)



Cyan (0%)

Magenta (13%)

Yellow (15%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 13.158, 29.265 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, 13.158, 29.265 by changing the saturation by 10% instead.

 91, 13.158, 29.265

 91, 13.158, 29.265

 100, 13.158,
29.265

 81, 13.158, 29.265

 71, 13.158, 29.265

 61, 13.158, 29.265

 51, 13.158, 29.265

 41, 13.158, 29.265

 31, 13.158, 29.265

 21, 13.158, 29.265

 11, 13.158, 29.265

 1, 13.158, 29.265

91, 13.158, 29.265

91, 13.158, 29.265

85, 22.080, 30.116

97, 3.898, 29.209

79, 32.312, 30.804

100, 0.012,
296.813

74, 43.295, 31.763

68, 54.936, 33.062

64, 67.030, 34.749

60, 79.190, 36.796

57, 90.631, 38.959

55, 99.631, 40.519

54, 102.905,
41.008

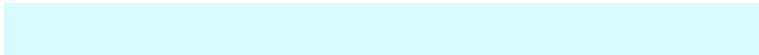
Harmonies

Complementary

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



91, 13.158, 29.265



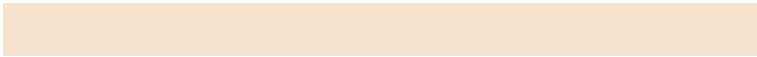
96, 11.429, 209.157

Rectangle

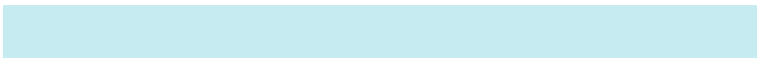
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



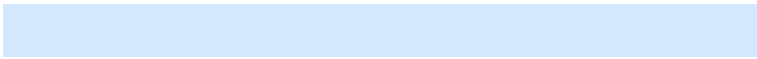
91, 13.158, 29.265



91, 13.158, 79.265



91, 13.158, 209.265



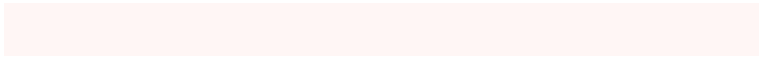
91, 13.158, 259.265

Sweetspot

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



91, 12.618, 29.629



98, 3.272, 29.159



91, 22.001, 328.120



52, 2.332, 29.209



0, 0.000, 0.000



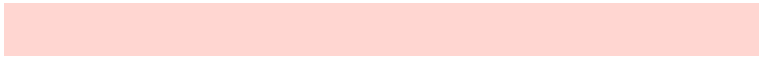
53, 0.007, 296.813

Same Dimension

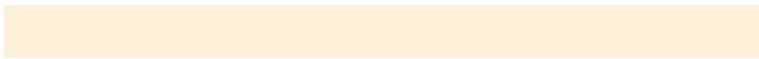
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 12.618, 29.629



89, 15.609, 29.769



95, 12.804, 83.492



50, 4.758, 29.422



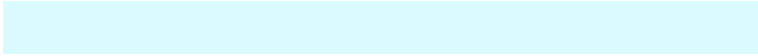
41, 82.571, 41.253



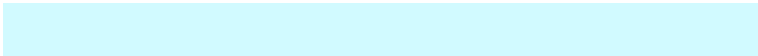
11, 31.378, 32.402

Inverse Universe

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



96, 11.429, 209.157



96, 13.807, 209.136



92, 12.610, 267.525



52, 4.471, 209.229



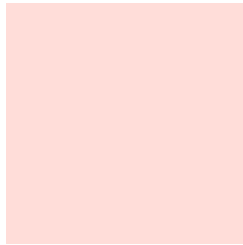
64, 35.771, 215.589



21, 16.616, 213.002

Previews

White Background



This preview shows how the CIELCh color 91, 13.158, 29.265 looks on a white background.

Color Contrast Check

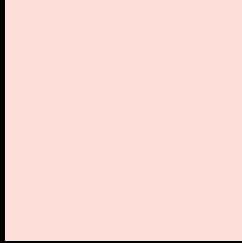
Large Text (above 18pt) WCAG AA × Fail

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, 13.158, 29.265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

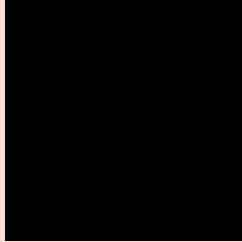
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

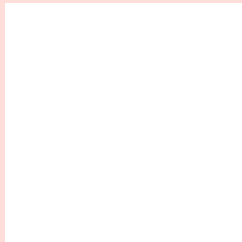
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 13.158, 29.265

Background



This preview shows how black text looks on a background with the CIELCh color 91, 13.158, 29.265.

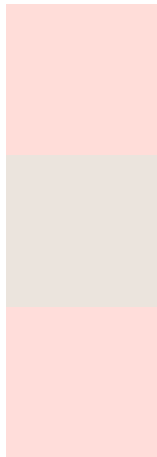


This preview shows how white text looks on a background with the CIELCh color 91, 13.158, 29.265.

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, 12.770, 29.504

Protanopia

91, 4.399, 74.600

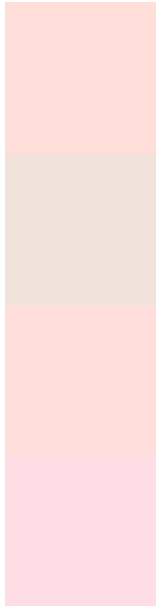
Deuteranopia

91, 12.674, 27.232



Tritanopia
91, 14.800, 348.919

Trichromacy



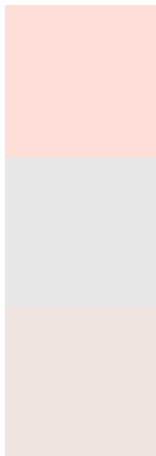
Original Color
91, 12.770, 29.504

Protanomaly
91, 6.605, 47.617

Deuteranomaly
91, 12.674, 27.232

Tritanomaly
91, 13.023, 1.872

Monochromacy



Original Color
91, 12.770, 29.504

Achromatopsia
92, 0.011, 296.813

Achromatomaly
91, 4.447, 32.968

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 13.158, 29.265 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, 217)` looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 217)  
}
```

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, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 13.158, 29.265 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, 217) }
```

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

```
.border{ border-color:rgb(255, 221, 217) }
```

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, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 221, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 221, 217);  
box-shadow:4px 4px 4px 4px rgb(255, 221,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 13.158, 29.265 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, 217) }
```

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

```
.background{ background-color: rgb(255,  
221, 217) }
```

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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