

Converting Colors

CIELCh(100, 53.789, 25.283)

Have a look what the booklet for
CIELCh(100, 53.789, 25.283)
contains.

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Color

CIELCh(90, 14.328, 28.634)

Conversions

Conversions Part 1

Format	Color
Hex	FFDAD6
RGB	255, 218, 214
RGB Percent	100%, 85%, 84%
CMY	0.0000, 0.1458, 0.1616
CMYK	0.00, 0.15, 0.16, 0.00
HSL	6°, 100%, 92%
HSV	6°, 16%, 100%
XYZ	78.6789, 76.3034, 74.0648
YIQ	228.6070, 23.3360, 6.6000

Conversions

Conversions Part 2

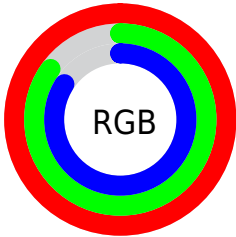
Format	Color
R _Y B	255, 218, 214
Decimal	16767702
CIE Lab	90.00, 12.58, 6.87
CIE LCh	90, 14.328, 28.634
Yxy	76.3034, 0.3435, 0.3331
Android (android.graphics.Color)	4294957782 (0xFFFFDAD6)
YUV	228.6070, -7.2013, 23.1467
Hunter-Lab	87.3518, 7.9116, 10.8748

Details

The CIELCh color **90, 14.328, 28.634** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 12.564, 208.134**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **70, 14.039, 29.457** is the 20% darker color. If you saturate the color by 10%, you get **84, 23.653, 29.368**, and if you desaturate by 10%, it is **96, 5.121, 28.364**.

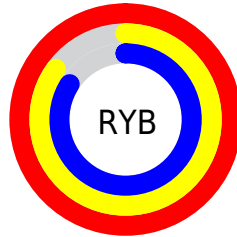
Distribution



Red (100%)

Green (85%)

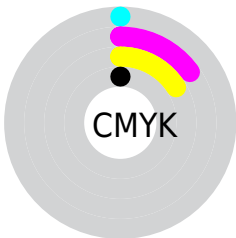
Blue (84%)



Red (100%)

Yellow (85%)

Blue (84%)

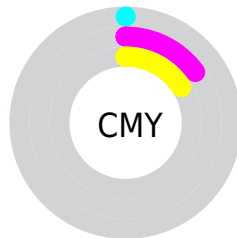


Cyan (0%)

Magenta (15%)

Yellow (16%)

Black (0%)



Cyan (0%)

Magenta (15%)

Yellow (16%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 14.328, 28.634 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 90, 14.328, 28.634 by changing the saturation by 10% instead.

 90, 14.328, 28.634

 90, 14.328, 28.634

 100, 14.328,
28.634

 80, 14.328, 28.634

 70, 14.328, 28.634

 60, 14.328, 28.634

 50, 14.328, 28.634

 40, 14.328, 28.634

 30, 14.328, 28.634

 20, 14.328, 28.634

 10, 14.328, 28.634

 0, 14.328, 28.634

90, 14.328, 28.634

90, 14.328, 28.634

84, 23.653, 29.368

96, 5.121, 28.364

78, 34.064, 30.143

100, 0.012,
296.813

73, 45.212, 31.210

67, 56.981, 32.638

63, 69.138, 34.474

59, 81.251, 36.673

56, 92.442, 38.936

54, 100.807,
40.446

54, 103.121,
40.873

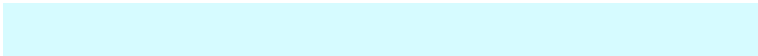
Harmonies

Complementary

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



90, 14.328, 28.634



96, 12.564, 208.134

Rectangle

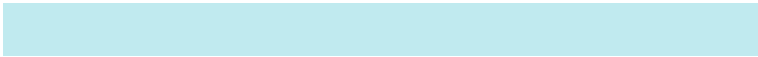
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



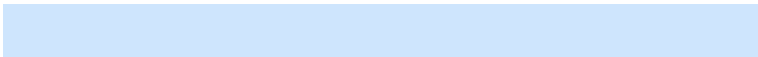
90, 14.328, 28.634



90, 14.328, 78.634



90, 14.328, 208.634



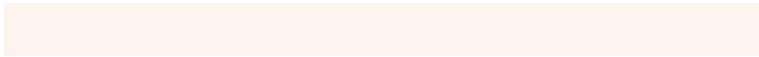
90, 14.328, 258.634

Sweetspot

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



90, 14.012, 28.810



97, 4.139, 28.300



90, 24.390, 327.695



51, 2.832, 28.340



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



90, 14.012, 28.810



88, 16.675, 28.951



95, 13.863, 81.760



50, 4.796, 28.516



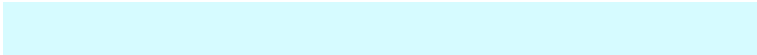
41, 82.763, 41.101



11, 31.533, 31.942

Inverse Universe

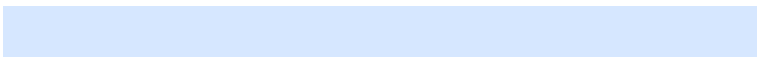
The Inverse Universe completely reimagines the original color for something new.



96, 12.564, 208.134



96, 14.642, 208.107



91, 13.577, 266.207



52, 4.507, 208.246



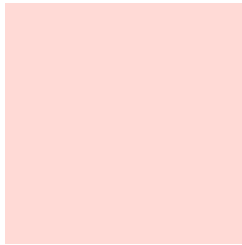
65, 36.018, 213.697



21, 16.734, 211.379

Previews

White Background



This preview shows how the CIELCh color 90, 14.328, 28.634 looks on a white background.

Color Contrast Check

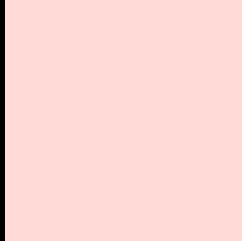
Large Text (above 18pt) WCAG AA × Fail

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 90, 14.328, 28.634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

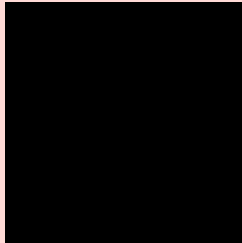
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

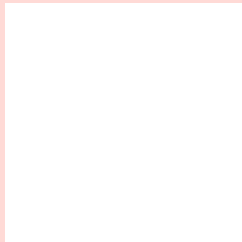
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 14.328, 28.634

Background



This preview shows how black text looks on a background with the CIELCh color 90, 14.328, 28.634.



This preview shows how white text looks on a background with the CIELCh color 90, 14.328, 28.634.

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





Tritanopia
90, 16.109, 351.809

Trichromacy



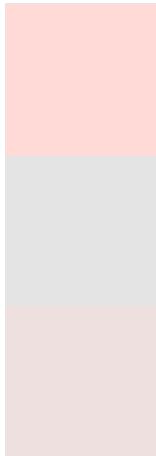
Original Color
90, 13.936, 28.831

Protanomaly
90, 7.296, 44.910

Deuteranomaly
90, 13.286, 31.438

Tritanomaly
90, 14.483, 3.892

Monochromacy



Original Color
90, 13.936, 28.831

Achromatopsia
91, 0.011, 296.813

Achromatomaly
90, 5.097, 25.462

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 14.328, 28.634 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, 218, 214)` looks like.

```
.text, #text, p{  
    color:rgb(255, 218, 214)  
}
```

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, 218, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 218, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 14.328, 28.634 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, 218, 214) }
```

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

```
.border{ border-color:rgb(255, 218, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 218, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 218, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 218, 214);  
box-shadow:4px 4px 4px 4px rgb(255, 218,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 14.328, 28.634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 218, 214) }
```

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

```
.background{ background-color: rgb(255,  
218, 214) }
```

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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