

Converting Colors

CIELCh(90, 10.858, 33.881)

Have a look what the booklet for
CIELCh(90, 10.858, 33.881) contains.

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Color

CIELCh(90, 11.049, 33.584)

Conversions

Conversions Part 1

Format	Color
Hex	F9DCD7
RGB	249, 220, 215
RGB Percent	98%, 86%, 84%
CMY	0.0231, 0.1369, 0.1565
CMYK	0.00, 0.12, 0.14, 0.02
HSL	9°, 74%, 91%
HSV	9°, 14%, 98%
XYZ	76.9962, 76.3034, 75.0217
YIQ	228.1010, 18.8890, 4.5930

Conversions

Conversions Part 2

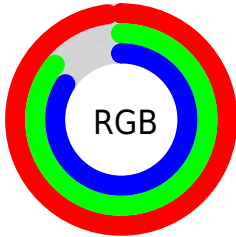
Format	Color
R _Y B	249, 221, 215
Decimal	16374999
CIE Lab	90.00, 9.20, 6.11
CIE LCh	90, 11.049, 33.584
Yxy	76.3034, 0.3372, 0.3342
Android (android.graphics.Color)	4294565079 (0xFFF9DCD7)
YUV	228.1010, -6.4588, 18.3284
Hunter-Lab	87.3518, 4.4730, 10.2253

Details

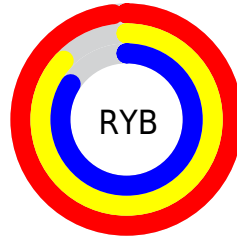
The CIELCh color **90, 11.049, 33.584** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **94, 10.092, 213.690**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **70, 10.974, 34.576** is the 20% darker color. If you saturate the color by 10%, you get **84, 19.967, 33.862**, and if you desaturate by 10%, it is **96, 2.833, 33.326**.

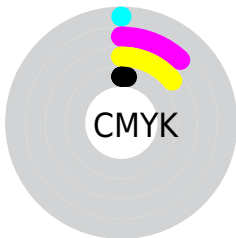
Distribution



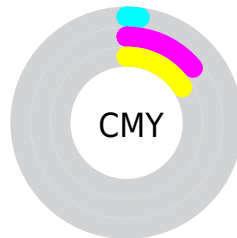
- Red (98%)
- Green (86%)
- Blue (84%)



- Red (98%)
- Yellow (87%)
- Blue (84%)



- Cyan (0%)
- Magenta (12%)
- Yellow (14%)
- Black (2%)



- Cyan (2%)
- Magenta (14%)
- Yellow (16%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 11.049, 33.584 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, 11.049, 33.584 by changing the saturation by 10% instead.

 90, 11.049, 33.584

 90, 11.049, 33.584

 100, 11.049,
33.584

 80, 11.049, 33.584

 70, 11.049, 33.584

 60, 11.049, 33.584

 50, 11.049, 33.584

 40, 11.049, 33.584

 30, 11.049, 33.584

 20, 11.049, 33.584

 10, 11.049, 33.584

 0, 11.049, 33.584

90, 11.049, 33.584

90, 11.049, 33.584

84, 19.967, 33.862

96, 2.833, 33.326

79, 29.633, 34.291

100, 2.048,
199.599

74, 40.052, 34.946

69, 51.171, 35.882

64, 62.841, 37.135

60, 74.740, 38.680

57, 86.182, 40.316

55, 95.654, 41.450

53, 99.955, 41.752

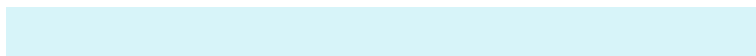
Harmonies

Complementary

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



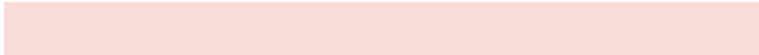
90, 11.049, 33.584



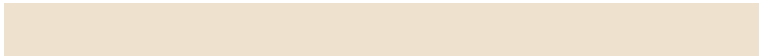
94, 10.092, 213.690

Rectangle

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



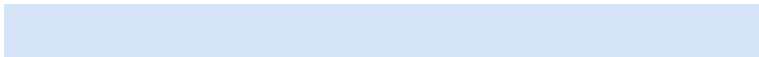
90, 11.049, 33.584



90, 11.049, 83.584



90, 11.049, 213.584



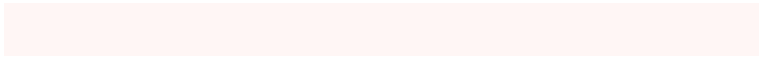
90, 11.049, 263.584

Sweetspot

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



90, 11.048, 33.598



98, 3.169, 33.349



90, 19.510, 329.105



52, 2.259, 33.386



0, 0.000, 0.000



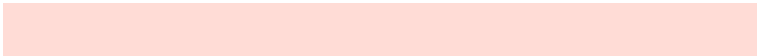
53, 0.007, 296.813

Same Dimension

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



90, 11.048, 33.598



91, 13.330, 33.649



94, 11.955, 86.599



49, 4.533, 33.514



41, 80.759, 42.064



11, 29.503, 33.686

Inverse Universe

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



94, 10.092, 213.690



96, 11.971, 213.718



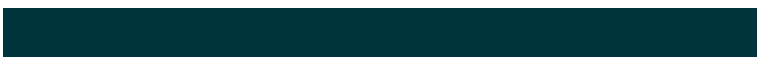
90, 11.864, 270.281



51, 4.262, 213.670



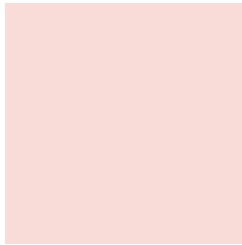
61, 34.774, 224.102



19, 15.827, 220.141

Previews

White Background



This preview shows how the CIELCh color 90, 11.049, 33.584 looks on a white background.

Color Contrast Check

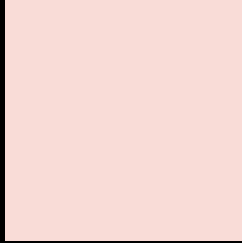
Large Text (above 18pt) WCAG AA × Fail

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 90, 11.049, 33.584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

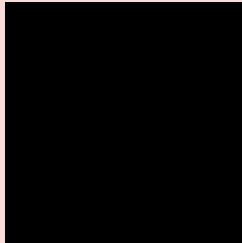
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

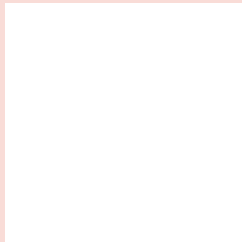
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 11.049, 33.584

Background



This preview shows how black text looks on a background with the CIELCh color 90, 11.049, 33.584.

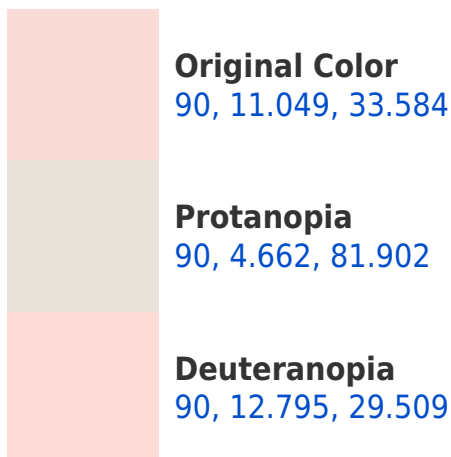


This preview shows how white text looks on a background with the CIELCh color 90, 11.049, 33.584.

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, 15.378, 345.612

Trichromacy



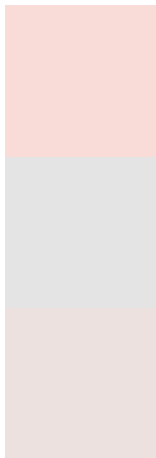
Original Color
90, 11.049, 33.584

Protanomaly
90, 6.262, 54.910

Deuteranomaly
90, 12.421, 29.766

Tritanomaly
90, 12.870, 359.135

Monochromacy



Original Color
90, 11.049, 33.584

Achromatopsia
91, 0.011, 296.813

Achromatomaly
90, 4.104, 34.123

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 11.049, 33.584 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(249, 220, 215)` looks like.

```
.text, #text, p{  
    color:rgb(249, 220, 215)  
}
```

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(249, 220, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 220, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 11.049, 33.584 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(249, 220, 215) }
```

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

```
.border{ border-color:rgb(249, 220, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 220, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 220, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 220, 215);  
box-shadow:4px 4px 4px 4px rgb(249, 220,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 11.049, 33.584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 220, 215) }
```

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

```
.background{ background-color: rgb(249,  
220, 215) }
```

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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