

Converting Colors

CIELCh(90, 10.525, 32.178)

Have a look what the booklet for
CIELCh(90, 10.525, 32.178) contains.

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Color

CIELCh(90, 10.549, 31.346)

Conversions

Conversions Part 1

Format	Color
Hex	F8DCD8
RGB	248, 220, 216
RGB Percent	97%, 86%, 85%
CMY	0.0264, 0.1362, 0.1519
CMYK	0.00, 0.11, 0.13, 0.03
HSL	8°, 70%, 91%
HSV	8°, 13%, 97%
XYZ	76.8994, 76.3034, 75.8199
YIQ	227.9160, 17.9720, 4.6920

Conversions

Conversions Part 2

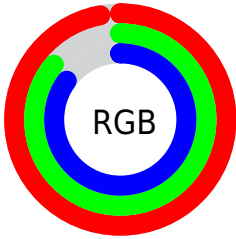
Format	Color
R _Y B	248, 221, 216
Decimal	16309464
CIE Lab	90.00, 9.01, 5.49
CIE LCh	90, 10.549, 31.346
Yxy	76.3034, 0.3358, 0.3332
Android (android.graphics.Color)	4294499544 (0xFFF8DCD8)
YUV	227.9160, -5.8746, 17.6137
Hunter-Lab	87.3518, 4.2753, 9.6835

Details

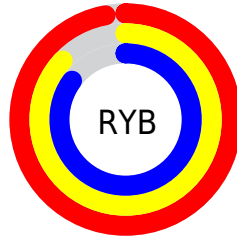
The CIELCh color **90, 10.549, 31.346** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **94, 9.683, 211.198**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **70, 10.432, 32.248** is the 20% darker color. If you saturate the color by 10%, you get **84, 19.535, 31.726**, and if you desaturate by 10%, it is **96, 2.269, 30.941**.

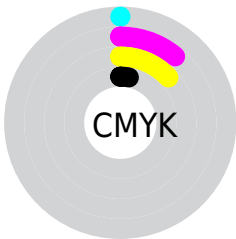
Distribution



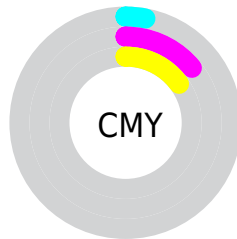
- Red (97%)
- Green (86%)
- Blue (85%)



- Red (97%)
- Yellow (87%)
- Blue (85%)



- Cyan (0%)
- Magenta (11%)
- Yellow (13%)
- Black (3%)



- Cyan (3%)
- Magenta (14%)
- Yellow (15%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 10.549, 31.346 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, 10.549, 31.346 by changing the saturation by 10% instead.

 90, 10.549, 31.346

 90, 10.549, 31.346

 100, 10.549,
31.346

 80, 10.549, 31.346

 70, 10.549, 31.346

 60, 10.549, 31.346

 50, 10.549, 31.346

 40, 10.549, 31.346

 30, 10.549, 31.346

 20, 10.549, 31.346

 10, 10.549, 31.346

 0, 10.549, 31.346

90, 10.549, 31.346

90, 10.549, 31.346

84, 19.535, 31.726

96, 2.269, 30.941

79, 29.270, 32.267

100, 2.332,
199.541

73, 39.753, 33.048

68, 50.923, 34.132

64, 62.623, 35.566

60, 74.533, 37.340

56, 86.001, 39.271

54, 95.587, 40.779

53, 100.340,
41.331

Harmonies

Complementary

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



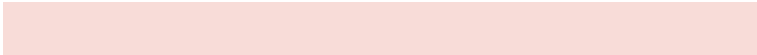
90, 10.549, 31.346



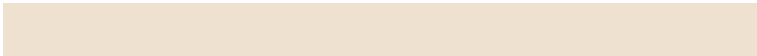
94, 9.683, 211.198

Rectangle

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



90, 10.549, 31.346



90, 10.549, 81.346



90, 10.549, 211.346



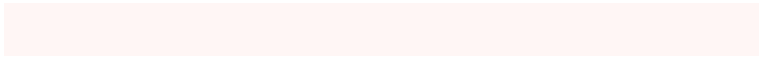
90, 10.549, 261.346

Sweetspot

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



90, 10.548, 31.360



98, 3.222, 31.038



90, 18.583, 328.526



52, 2.297, 31.082



0, 0.000, 0.000



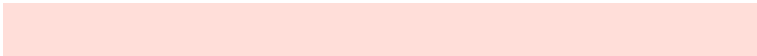
53, 0.007, 296.813

Same Dimension

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



90, 10.548, 31.360



91, 12.654, 31.427



94, 11.079, 85.238



49, 4.609, 31.257



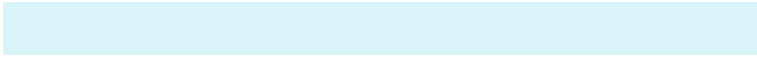
40, 81.316, 41.602



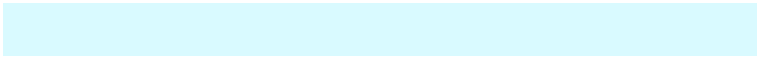
10, 29.844, 32.548

Inverse Universe

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



94, 9.683, 211.198



96, 11.442, 211.196



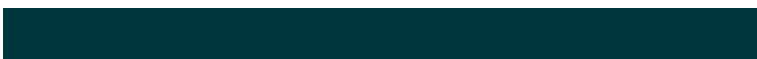
90, 10.971, 268.727



51, 4.333, 211.221



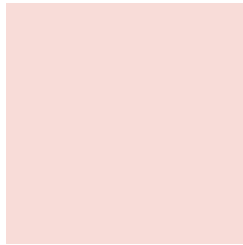
62, 35.038, 219.403



20, 15.995, 216.129

Previews

White Background



This preview shows how the CIELCh color 90, 10.549, 31.346 looks on a white background.

Color Contrast Check

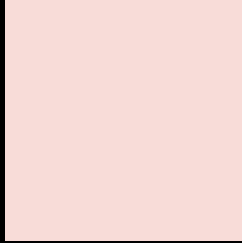
Large Text (above 18pt) WCAG AA × Fail

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, 10.549, 31.346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

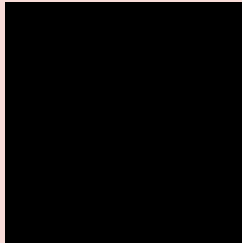
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

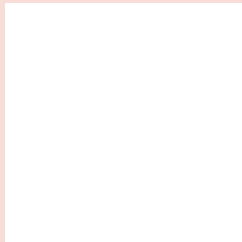
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 10.549, 31.346

Background



This preview shows how black text looks on a background with the CIELCh color 90, 10.549, 31.346.

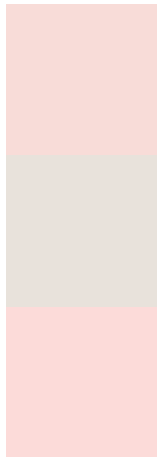


This preview shows how white text looks on a background with the CIELCh color 90, 10.549, 31.346.

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

90, 10.549, 31.346

Protanopia

90, 4.208, 78.678

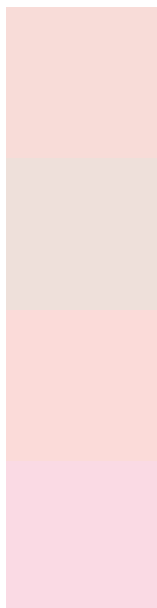
Deuteranopia

90, 12.246, 25.052



Tritanopia
90, 15.084, 344.786

Trichromacy



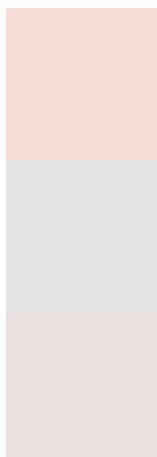
Original Color
90, 10.549, 31.346

Protanomaly
90, 5.971, 50.911

Deuteranomaly
90, 11.869, 25.179

Tritanomaly
90, 12.714, 356.310

Monochromacy



Original Color
90, 10.549, 31.346

Achromatopsia
91, 0.011, 296.813

Achromatomaly
90, 3.642, 27.655

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 10.549, 31.346 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(248, 220, 216)` looks like.

```
.text, #text, p{  
    color:rgb(248, 220, 216)  
}
```

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(248, 220, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 220, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 10.549, 31.346 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(248, 220, 216) }
```

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

```
.border{ border-color:rgb(248, 220, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 220, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 220, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 220, 216);  
box-shadow:4px 4px 4px 4px rgb(248, 220,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 10.549, 31.346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 220, 216) }
```

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

```
.background{ background-color: rgb(248,  
220, 216) }
```

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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