

Converting Colors

CIELCh(100, 56.642, 36.054)

Have a look what the booklet for
CIELCh(100, 56.642, 36.054)
contains.

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Color

CIELCh(90, 19.369, 61.764)

Conversions

Conversions Part 1

Format	Color
Hex	FFDBC2
RGB	255, 219, 194
RGB Percent	100%, 86%, 76%
CMY	0.0000, 0.1397, 0.2378
CMYK	0.00, 0.14, 0.24, 0.00
HSL	25°, 100%, 88%
HSV	25°, 24%, 100%
XYZ	76.9758, 76.3034, 61.9147
YIQ	226.9140, 29.4810, -0.1430

Conversions

Conversions Part 2

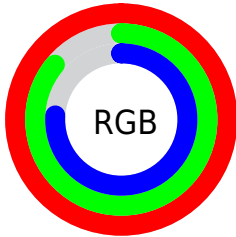
Format	Color
RYB	255, 236, 194
Decimal	16767938
CIELab	90.00, 9.16, 17.06
CIELCh	90, 19.369, 61.764
Yxy	76.3034, 0.3577, 0.3546
Android (android.graphics.Color)	4294958018 (0xFFFFDBC2)
YUV	226.9140, -16.2266, 24.6314
Hunter-Lab	87.3518, 4.4314, 19.1217

Details

The CIELCh color **90, 19.369, 61.764** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90, 17.136, 248.648**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 2.017, 109.989**, and **70, 19.319, 62.489** is the 20% darker color. If you saturate the color by 10%, you get **86, 27.789, 61.876**, and if you desaturate by 10%, it is **94, 10.646, 63.921**.

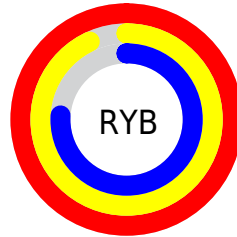
Distribution



Red (100%)

Green (86%)

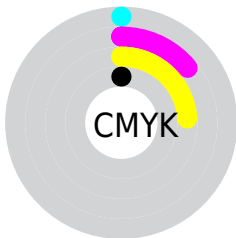
Blue (76%)



Red (100%)

Yellow (93%)

Blue (76%)

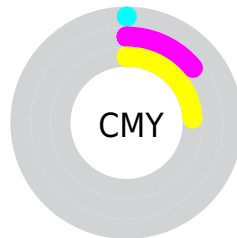


Cyan (0%)

Magenta (14%)

Yellow (24%)

Black (0%)



Cyan (0%)

Magenta (14%)

Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 19.369, 61.764 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, 19.369, 61.764 by changing the saturation by 10% instead.

 90, 19.369, 61.764

 90, 19.369, 61.764

 100, 19.369,
61.764

 80, 19.369, 61.764

 70, 19.369, 61.764

 60, 19.369, 61.764

 50, 19.369, 61.764

 40, 19.369, 61.764

 30, 19.369, 61.764

 20, 19.369, 61.764

 10, 19.369, 61.764

 0, 19.369, 61.764

90, 19.369, 61.764

90, 19.369, 61.764

86, 27.789, 61.876

94, 10.646, 63.921

82, 37.178, 60.889

98, 2.832, 64.847

78, 47.095, 59.934

100, 0.012,
296.813

74, 57.419, 58.988

71, 67.843, 57.973

67, 77.681, 56.695

65, 85.683, 54.768

63, 89.448, 53.212

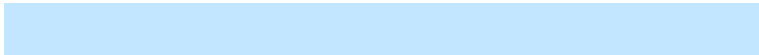
Harmonies

Complementary

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



90, 19.369, 61.764



90, 17.136, 248.648

Rectangle

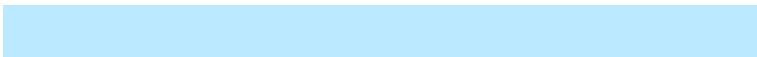
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90, 19.369, 61.764



90, 19.369, 111.764



90, 19.369, 241.764



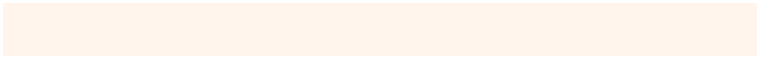
90, 19.369, 291.764

Sweetspot

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



90, 18.951, 62.893



97, 5.293, 64.591



85, 28.892, 340.547



51, 3.446, 64.535



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, 18.951, 62.893



88, 23.492, 62.360



97, 27.735, 103.261



51, 4.333, 64.351



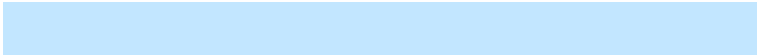
48, 71.650, 53.900



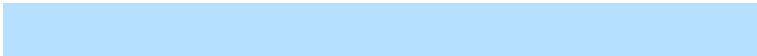
15, 27.364, 53.375

Inverse Universe

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



90, 17.136, 248.648



87, 20.715, 249.563



82, 28.979, 288.811



51, 4.180, 246.606



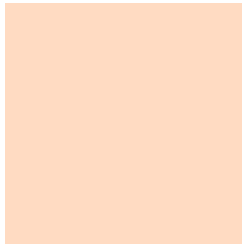
46, 48.798, 274.203



14, 20.331, 267.068

Previews

White Background



This preview shows how the CIE LCh color 90, 19.369, 61.764 looks on a white background.

Color Contrast Check

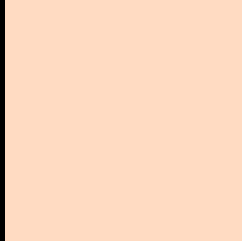
Large Text (above 18pt) WCAG AA × Fail

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, 19.369, 61.764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

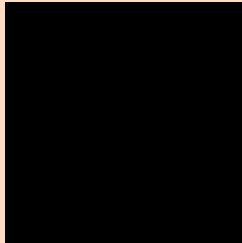
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 19.369, 61.764

Background



This preview shows how black text looks on a background with the CIELCh color 90, 19.369, 61.764.

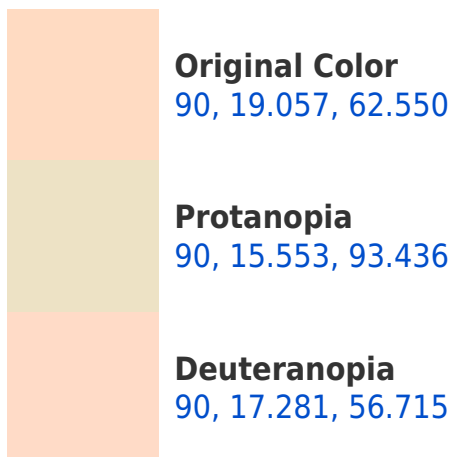



This preview shows how white text looks on a background with the CIELCh color 90, 19.369, 61.764.

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](#).

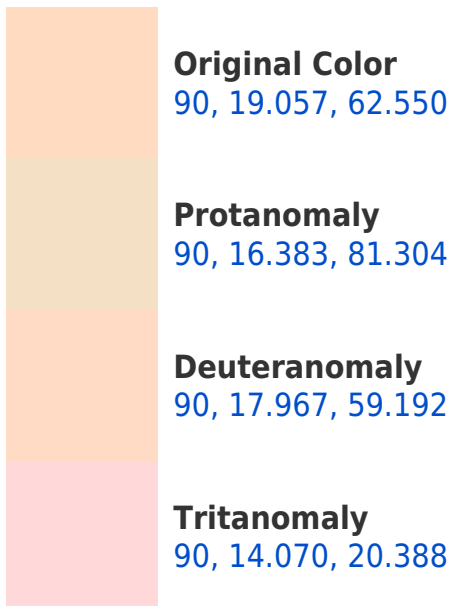
Dichromacy



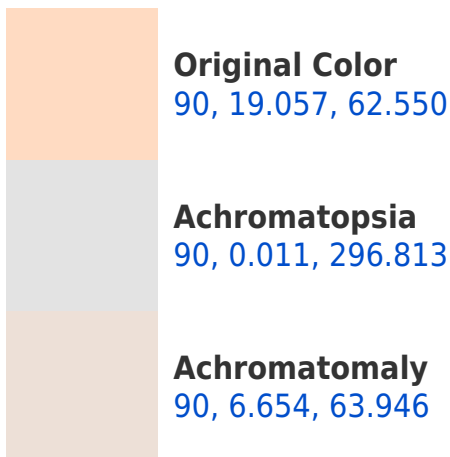


Tritanopia
90, 15.883, 353.466

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 19.369, 61.764 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, 219, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 194)  
}
```

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, 219, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 19.369, 61.764 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, 219, 194) }
```

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

```
.border{ border-color:rgb(255, 219, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 219, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 194);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 19.369, 61.764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 194) }
```

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

```
.background{ background-color: rgb(255,  
219, 194) }
```

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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