

Converting Colors

CIELCh(90, 19.057, 62.550)

Have a look what the booklet for
CIELCh(90, 19.057, 62.550) contains.

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Color

CIELCh(90, 18.749, 63.360)

Conversions

Conversions Part 1

Format	Color
Hex	FFDCC3
RGB	255, 220, 195
RGB Percent	100%, 86%, 76%
CMY	0.0004, 0.1377, 0.2357
CMYK	0.00, 0.14, 0.24, 0.00
HSL	25°, 100%, 88%
HSV	25°, 24%, 100%
XYZ	76.6014, 76.3034, 62.2579
YIQ	227.6150, 28.8850, -0.3550

Conversions

Conversions Part 2

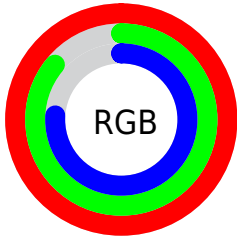
Format	Color
R _Y B	255, 238, 195
Decimal	16768195
CIE Lab	90.00, 8.41, 16.76
CIE LCh	90, 18.749, 63.360
Yxy	76.3034, 0.3560, 0.3546
Android (android.graphics.Color)	4294958275 (0xFFFFDCC3)
YUV	227.6150, -16.0792, 24.0166
Hunter-Lab	87.3518, 3.6664, 18.8887

Details

The CIELCh color **90, 18.749, 63.360** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90, 17.000, 249.110**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 1.510, 110.014**, and **70, 18.983, 63.344** is the 20% darker color. If you saturate the color by 10%, you get **86, 27.569, 62.337**, and if you desaturate by 10%, it is **94, 10.455, 64.410**.

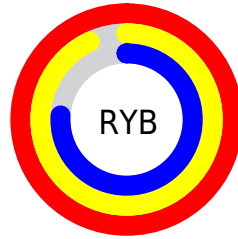
Distribution



Red (100%)

Green (86%)

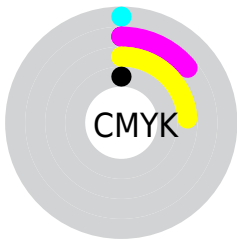
Blue (76%)



Red (100%)

Yellow (93%)

Blue (76%)

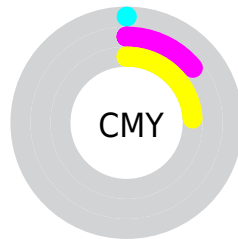


Cyan (0%)

Magenta (14%)

Yellow (24%)

Black (0%)



Cyan (0%)

Magenta (14%)

Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 18.749, 63.360 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, 18.749, 63.360 by changing the saturation by 10% instead.

 90, 18.749, 63.360

 90, 18.749, 63.360

 100, 18.749,
63.360

 80, 18.749, 63.360

 70, 18.749, 63.360

 60, 18.749, 63.360

 50, 18.749, 63.360

 40, 18.749, 63.360

 30, 18.749, 63.360

 20, 18.749, 63.360

 10, 18.749, 63.360

 0, 18.749, 63.360

90, 18.749, 63.360

90, 18.749, 63.360

86, 27.569, 62.337

94, 10.455, 64.410

82, 36.934, 61.332

98, 2.647, 65.336

78, 46.819, 60.357

100, 0.040,
216.371

74, 57.110, 59.388

71, 67.499, 58.350

68, 77.316, 57.053

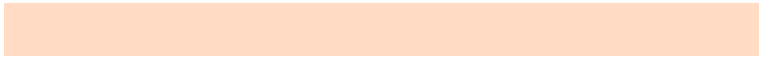
65, 85.325, 55.119

63, 89.220, 53.485

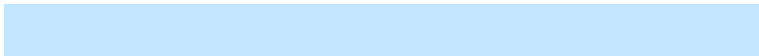
Harmonies

Complementary

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



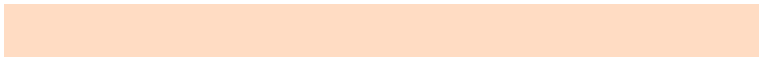
90, 18.749, 63.360



90, 17.000, 249.110

Rectangle

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



90, 18.749, 63.360



90, 18.749, 113.360



90, 18.749, 243.360



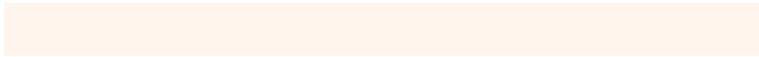
90, 18.749, 293.360

Sweetspot

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



90, 18.749, 63.370



97, 5.301, 65.063



85, 28.262, 341.350



51, 3.451, 65.006



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, 18.749, 63.370



88, 22.627, 62.906



97, 27.888, 104.120



51, 4.339, 64.820



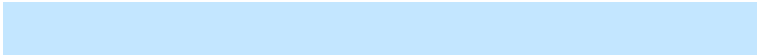
48, 71.497, 54.174



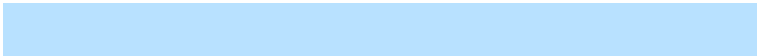
15, 27.335, 53.748

Inverse Universe

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



90, 17.000, 249.110



88, 20.089, 249.888



82, 29.193, 289.531



51, 4.188, 247.094



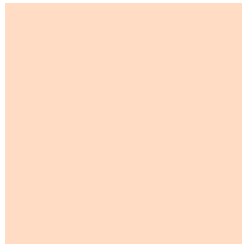
46, 49.199, 274.729



14, 20.471, 267.613

Previews

White Background



This preview shows how the CIE LCh color 90, 18.749, 63.360 looks on a white background.

Color Contrast Check

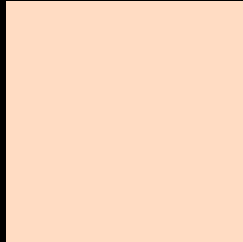
Large Text (above 18pt) WCAG AA × Fail

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, 18.749, 63.360 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, 18.749, 63.360

Background



This preview shows how black text looks on a background with the CIELCh color 90, 18.749, 63.360.

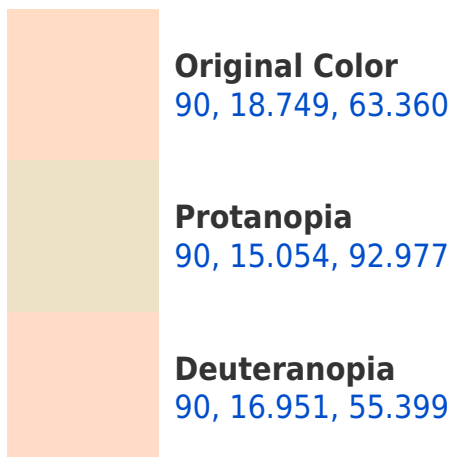


This preview shows how white text looks on a background with the CIELCh color 90, 18.749, 63.360.

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](#).

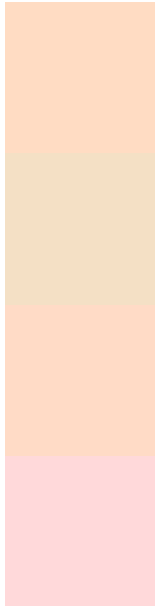
Dichromacy





Tritanopia
90, 16.109, 351.809

Trichromacy



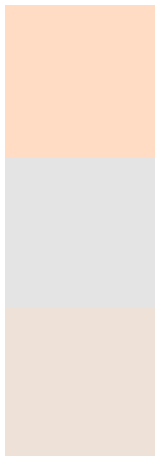
Original Color
90, 18.749, 63.360

Protanomaly
90, 15.920, 80.518

Deuteranomaly
90, 17.620, 57.978

Tritanomaly
90, 14.054, 18.292

Monochromacy



Original Color
90, 18.749, 63.360

Achromatopsia
91, 0.011, 296.813

Achromatomaly
90, 6.648, 63.949

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 18.749, 63.360 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, 220, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 220, 195)  
}
```

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, 220, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 220, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 18.749, 63.360 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, 220, 195) }
```

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

```
.border{ border-color:rgb(255, 220, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 220, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 220, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 220, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 220,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 18.749, 63.360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 220, 195) }
```

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

```
.background{ background-color: rgb(255,  
220, 195) }
```

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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