

Converting Colors

CIELCh(100, 56.950, 37.574)

Have a look what the booklet for
CIELCh(100, 56.950, 37.574)
contains.

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Color

CIELCh(90, 20.603, 66.429)

Conversions

Conversions Part 1

Format	Color
Hex	FFDCBF
RGB	255, 220, 191
RGB Percent	100%, 86%, 75%
CMY	0.0000, 0.1377, 0.2516
CMYK	0.00, 0.14, 0.25, 0.00
HSL	27°, 100%, 87%
HSV	27°, 25%, 100%
XYZ	76.5185, 76.3034, 59.8970
YIQ	227.1590, 30.1690, -1.5990

Conversions

Conversions Part 2

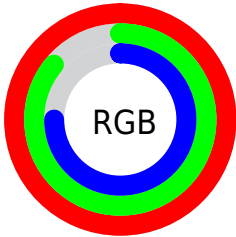
Format	Color
R _Y B	255, 244, 191
Decimal	16768191
CIE Lab	90.00, 8.24, 18.88
CIE LCh	90, 20.603, 66.429
Yxy	76.3034, 0.3597, 0.3587
Android (android.graphics.Color)	4294958271 (0xFFFFDCBF)
YUV	227.1590, -17.8264, 24.4166
Hunter-Lab	87.3518, 3.4970, 20.4912

Details

The CIELCh color **90, 20.603, 66.429** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **88, 18.610, 253.769**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 4.046, 109.857**, and **70, 20.648, 67.269** is the 20% darker color. If you saturate the color by 10%, you get **86, 29.271, 66.008**, and if you desaturate by 10%, it is **94, 11.927, 68.305**.

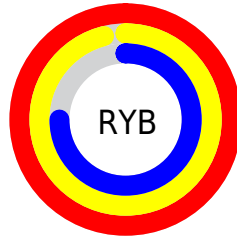
Distribution



Red (100%)

Green (86%)

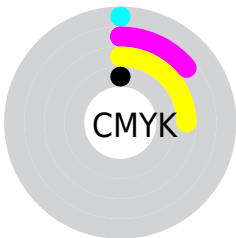
Blue (75%)



Red (100%)

Yellow (96%)

Blue (75%)

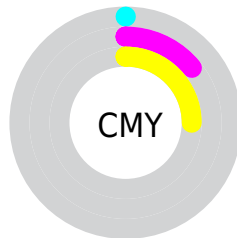


Cyan (0%)

Magenta (14%)

Yellow (25%)

Black (0%)



Cyan (0%)

Magenta (14%)

Yellow (25%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 20.603, 66.429 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, 20.603, 66.429 by changing the saturation by 10% instead.

 90, 20.603, 66.429

 90, 20.603, 66.429

 100, 20.603,
66.429

 80, 20.603, 66.429

 70, 20.603, 66.429

 60, 20.603, 66.429

 50, 20.603, 66.429

 40, 20.603, 66.429

 30, 20.603, 66.429

 20, 20.603, 66.429

 10, 20.603, 66.429

 0, 20.603, 66.429

90, 20.603, 66.429

90, 20.603, 66.429

86, 29.271, 66.008

94, 11.927, 68.305

82, 38.670, 64.867

98, 3.946, 69.383

79, 48.508, 63.731

100, 0.012,
296.813

75, 58.631, 62.568

72, 68.669, 61.289

69, 77.858, 59.685

66, 84.930, 57.374

65, 87.569, 56.040

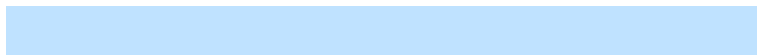
Harmonies

Complementary

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



90, 20.603, 66.429



88, 18.610, 253.769

Rectangle

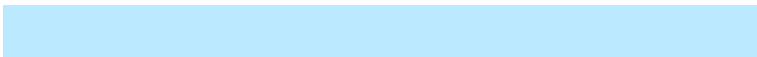
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90, 20.603, 66.429



90, 20.603, 116.429



90, 20.603, 246.429



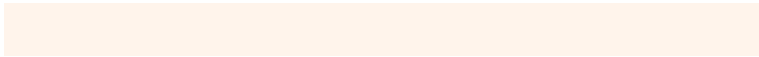
90, 20.603, 296.429

Sweetspot

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



90, 20.359, 67.158



97, 6.171, 69.099



84, 29.587, 343.220



51, 4.404, 68.937



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, 20.359, 67.158



88, 24.614, 66.601



98, 30.784, 105.534



51, 4.404, 68.937



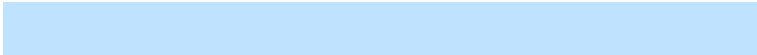
49, 70.197, 56.747



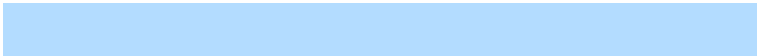
15, 27.130, 57.142

Inverse Universe

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



88, 18.610, 253.769



86, 22.061, 254.682



80, 32.491, 291.211



51, 4.275, 251.351



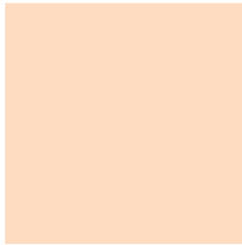
44, 52.936, 279.116



13, 21.789, 272.210

Previews

White Background



This preview shows how the CIE LCh color 90, 20.603, 66.429 looks on a white background.

Color Contrast Check

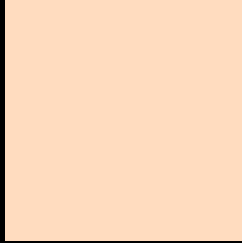
Large Text (above 18pt) WCAG AA × Fail

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, 20.603, 66.429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

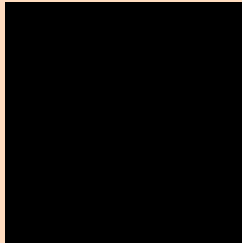
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 20.603, 66.429

Background



This preview shows how black text looks on a background with the CIELCh color 90, 20.603, 66.429.



This preview shows how white text looks on a background with the CIELCh color 90, 20.603, 66.429.

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



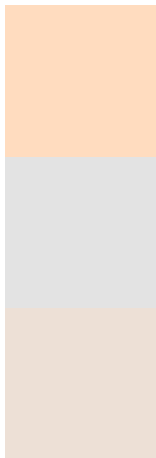
Original Color
90, 20.312, 67.239

Protanomaly
90, 17.788, 83.400

Deuteranomaly
90, 18.686, 61.476

Tritanomaly
90, 14.106, 22.476

Monochromacy



Original Color
90, 20.312, 67.239

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 7.031, 66.898

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 20.603, 66.429 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, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 220, 191)  
}
```

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, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 220, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 20.603, 66.429 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, 191) }
```

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

```
.border{ border-color:rgb(255, 220, 191) }
```

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, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 220, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 220, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 220,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 20.603, 66.429 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, 191) }
```

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

```
.background{ background-color: rgb(255,  
220, 191) }
```

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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