

Converting Colors

CIELCh(89, 21.788, 66.340)

Have a look what the booklet for
CIELCh(89, 21.788, 66.340) contains.

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Color

CIELCh(89, 21.993, 66.593)

Conversions

Conversions Part 1

Format	Color
Hex	FFD9BA
RGB	255, 217, 186
RGB Percent	100%, 85%, 73%
CMY	0.0014, 0.1504, 0.2719
CMYK	0.00, 0.15, 0.27, 0.00
HSL	27°, 99%, 86%
HSV	27°, 27%, 100%
XYZ	74.6525, 74.1641, 56.6428
YIQ	224.8280, 32.5990, -1.5850

Conversions

Conversions Part 2

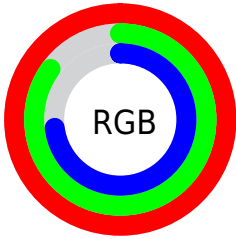
Format	Color
R _Y B	255, 242, 186
Decimal	16767418
CIE Lab	89.00, 8.74, 20.18
CIE LCh	89, 21.993, 66.593
Yxy	74.1641, 0.3633, 0.3610
Android (android.graphics.Color)	4294957498 (0xFFFFD9BA)
YUV	224.8280, -19.1422, 26.4608
Hunter-Lab	86.1186, 4.0263, 21.2862

Details

The CIELCh color **89, 21.993, 66.593** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **87, 19.919, 253.753**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 6.580, 109.674**, and **69, 21.744, 66.444** is the 20% darker color. If you saturate the color by 10%, you get **85, 30.989, 65.462**, and if you desaturate by 10%, it is **93, 13.486, 67.742**.

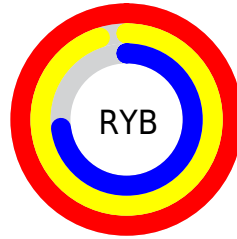
Distribution



Red (100%)

Green (85%)

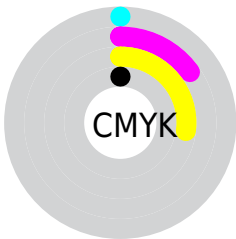
Blue (73%)



Red (100%)

Yellow (95%)

Blue (73%)

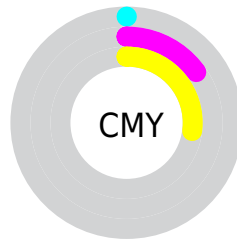


Cyan (0%)

Magenta (15%)

Yellow (27%)

Black (0%)



Cyan (0%)

Magenta (15%)

Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 21.993, 66.593 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 89, 21.993, 66.593 by changing the saturation by 10% instead.

 89, 21.993, 66.593

 89, 21.993, 66.593

 100, 21.993,
66.593

 79, 21.993, 66.593

 69, 21.993, 66.593

 59, 21.993, 66.593

 49, 21.993, 66.593

 39, 21.993, 66.593

 29, 21.993, 66.593

 19, 21.993, 66.593

 9, 21.993, 66.593

 0, 21.993, 66.593

89, 21.993, 66.593

89, 21.993, 66.593

85, 30.989, 65.462

93, 13.486, 67.742

81, 40.471, 64.335

97, 5.439, 68.843

78, 50.381, 63.210

100, 0.128,
204.601

74, 60.533, 62.050

71, 70.501, 60.746

68, 79.423, 59.060

65, 85.991, 56.588

64, 87.610, 55.815

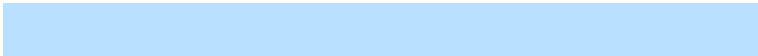
Harmonies

Complementary

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



89, 21.993, 66.593



87, 19.919, 253.753

Rectangle

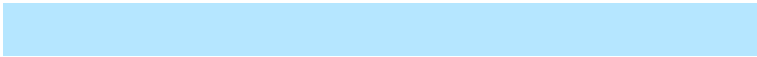
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89, 21.993, 66.593



89, 21.993, 116.593



89, 21.993, 246.593



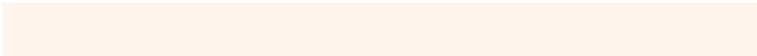
89, 21.993, 296.593

Sweetspot

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



89, 21.993, 66.601



97, 6.162, 68.749



83, 32.187, 342.539



51, 4.398, 68.588



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



89, 21.993, 66.601



87, 27.283, 65.927



97, 32.555, 104.551



51, 4.398, 68.588



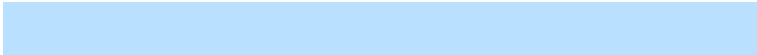
49, 70.304, 56.517



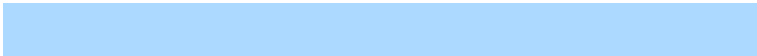
15, 27.144, 56.845

Inverse Universe

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



87, 19.919, 253.753



85, 24.108, 254.919



79, 34.439, 290.804



51, 4.266, 250.992



44, 52.603, 278.759



13, 21.670, 271.833

Previews

White Background



This preview shows how the CIE LCh color 89, 21.993, 66.593 looks on a white background.

Color Contrast Check

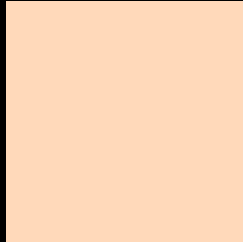
Large Text (above 18pt) WCAG AA × Fail

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 89, 21.993, 66.593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

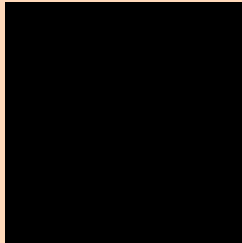
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 21.993, 66.593

Background



This preview shows how black text looks on a background with the CIELCh color 89, 21.993, 66.593.

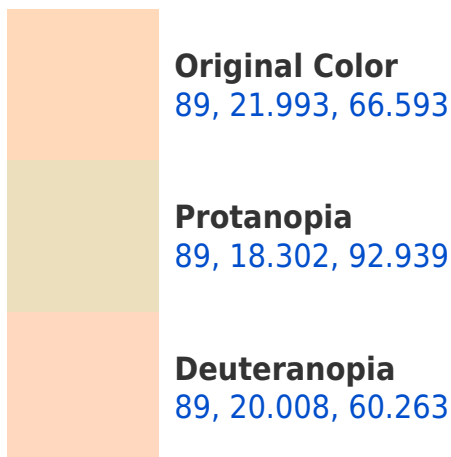


This preview shows how white text looks on a background with the CIELCh color 89, 21.993, 66.593.

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](#).

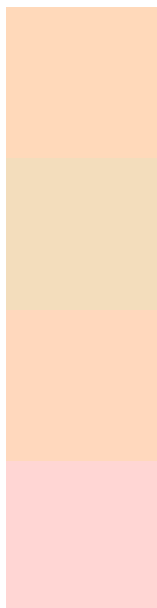
Dichromacy





Tritanopia
89, 16.913, 355.303

Trichromacy



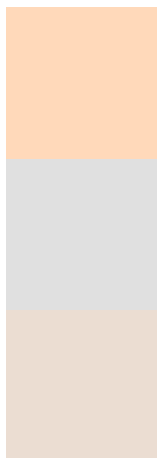
Original Color
89, 21.993, 66.593

Protanomaly
89, 19.127, 82.457

Deuteranomaly
89, 20.745, 62.267

Tritanomaly
89, 15.346, 24.333

Monochromacy



Original Color
89, 21.993, 66.593

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 7.693, 67.400

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 21.993, 66.593 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, 217, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 186)  
}
```

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, 217, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 21.993, 66.593 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, 217, 186) }
```

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

```
.border{ border-color:rgb(255, 217, 186) }
```

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

Here you see how a box with a 4 pixel rgb(255, 217, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 186);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 21.993, 66.593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 217, 186) }
```

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

```
.background{ background-color: rgb(255,  
217, 186) }
```

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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