

Converting Colors

CIELCh(89, 18.823, 52.983)

Have a look what the booklet for
CIELCh(89, 18.823, 52.983) contains.

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Color

CIELCh(89, 18.329, 52.603)

Conversions

Conversions Part 1

Format	Color
Hex	FFD7C4
RGB	255, 215, 196
RGB Percent	100%, 84%, 77%
CMY	0.0000, 0.1552, 0.2297
CMYK	0.00, 0.16, 0.23, 0.00
HSL	19°, 100%, 89%
HSV	19°, 23%, 100%
XYZ	75.8211, 74.1641, 62.7917
YIQ	224.7940, 29.9390, 2.5710

Conversions

Conversions Part 2

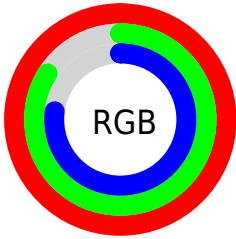
Format	Color
R _Y B	255, 224, 196
Decimal	16766916
CIE Lab	89.00, 11.13, 14.56
CIE LCh	89, 18.329, 52.603
Yxy	74.1641, 0.3563, 0.3486
Android (android.graphics.Color)	4294956996 (0xFFFFD7C4)
YUV	224.7940, -14.1954, 26.4907
Hunter-Lab	86.1186, 6.4487, 17.0529

Details

The CIELCh color **89, 18.329, 52.603** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91, 15.992, 236.978**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 1.003, 110.026**, and **69, 18.579, 52.241** is the 20% darker color. If you saturate the color by 10%, you get **84, 27.109, 52.281**, and if you desaturate by 10%, it is **94, 9.891, 53.568**.

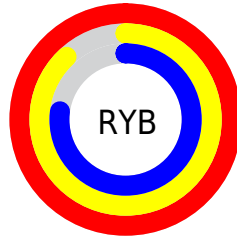
Distribution



Red (100%)

Green (84%)

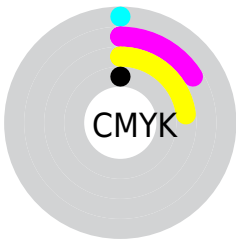
Blue (77%)



Red (100%)

Yellow (88%)

Blue (77%)

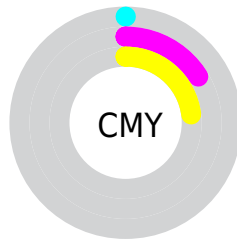


Cyan (0%)

Magenta (16%)

Yellow (23%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (23%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 18.329, 52.603 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, 18.329, 52.603 by changing the saturation by 10% instead.

 89, 18.329, 52.603

 89, 18.329, 52.603

 100, 18.329,
52.603

 79, 18.329, 52.603

 69, 18.329, 52.603

 59, 18.329, 52.603

 49, 18.329, 52.603

 39, 18.329, 52.603

 29, 18.329, 52.603

 19, 18.329, 52.603

 9, 18.329, 52.603

 0, 18.329, 52.603

89, 18.329, 52.603

89, 18.329, 52.603

84, 27.109, 52.281

94, 9.891, 53.568

80, 36.707, 51.750

99, 2.183, 54.105

75, 46.969, 51.319

100, 0.012,
296.813

71, 57.808, 50.980

68, 68.962, 50.672

64, 79.805, 50.209

61, 89.047, 49.166

59, 93.984, 47.973

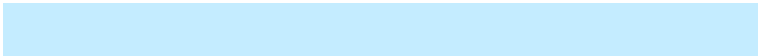
Harmonies

Complementary

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



89, 18.329, 52.603



91, 15.992, 236.978

Rectangle

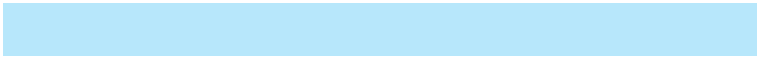
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89, 18.329, 52.603



89, 18.329, 102.603



89, 18.329, 232.603



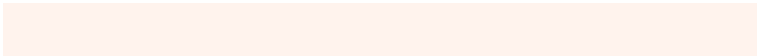
89, 18.329, 282.603

Sweetspot

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



89, 18.182, 52.898



97, 5.220, 53.956



86, 29.533, 336.636



51, 3.400, 53.920



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, 18.182, 52.898



87, 22.587, 52.579



96, 24.674, 98.735



51, 4.279, 53.800



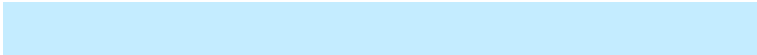
45, 75.215, 48.574



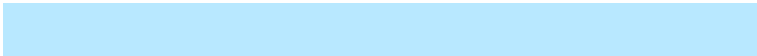
13, 28.244, 45.728

Inverse Universe

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



91, 15.992, 236.978



89, 19.241, 237.669



84, 25.400, 284.454



51, 4.077, 235.509



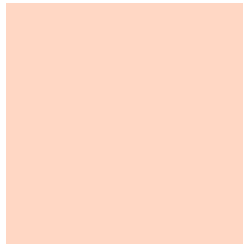
51, 41.143, 260.686



16, 17.767, 253.496

Previews

White Background



This preview shows how the CIELCh color 89, 18.329, 52.603 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, 18.329, 52.603 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, 18.329, 52.603

Background



This preview shows how black text looks on a background with the CIELCh color 89, 18.329, 52.603.

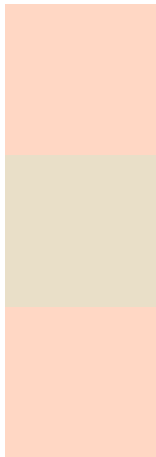


This preview shows how white text looks on a background with the CIELCh color 89, 18.329, 52.603.

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

89, 18.329, 52.603

Protanopia

89, 12.492, 91.701

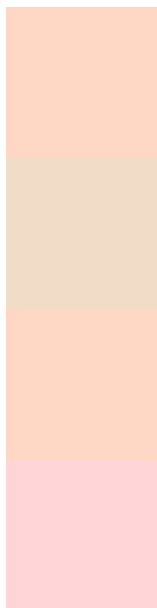
Deuteranopia

89, 18.329, 52.603



Tritanopia
89, 17.464, 354.310

Trichromacy



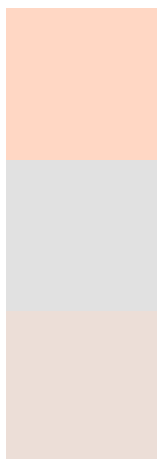
Original Color
89, 18.329, 52.603

Protanomaly
89, 13.502, 73.237

Deuteranomaly
89, 18.329, 52.603

Tritanomaly
89, 15.639, 14.860

Monochromacy



Original Color
89, 18.329, 52.603

Achromatopsia
90, 0.011, 296.813

Achromatomaly
89, 6.274, 54.906

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 18.329, 52.603 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, 215, 196)` looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 196)  
}
```

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, 215, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 18.329, 52.603 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, 215, 196) }
```

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

```
.border{ border-color:rgb(255, 215, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 215, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 215, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 215, 196);  
box-shadow:4px 4px 4px 4px rgb(255, 215,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 18.329, 52.603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 215, 196) }
```

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

```
.background{ background-color: rgb(255,  
215, 196) }
```

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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