

Converting Colors

CIELCh(89, 30.008, 85.481)

Have a look what the booklet for
CIELCh(89, 30.008, 85.481) contains.

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Color

CIELCh(89, 29.857, 85.132)

Conversions

Conversions Part 1

Format	Color
Hex	F9DCA7
RGB	249, 220, 167
RGB Percent	98%, 86%, 65%
CMY	0.0233, 0.1370, 0.3449
CMYK	0.00, 0.12, 0.33, 0.02
HSL	39°, 87%, 82%
HSV	39°, 33%, 98%
XYZ	71.6813, 74.1641, 47.1259
YIQ	222.6290, 34.2970, -10.3350

Conversions

Conversions Part 2

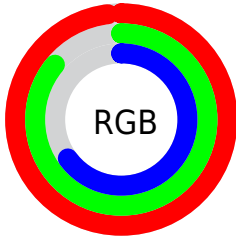
Format	Color
RYB	212, 249, 167
Decimal	16374951
CIELab	89.00, 2.53, 29.75
CIELCh	89, 29.857, 85.132
Yxy	74.1641, 0.3715, 0.3843
Android (android.graphics.Color)	4294565031 (0xFFF9DCA7)
YUV	222.6290, -27.4251, 23.1274
Hunter-Lab	86.1186, -2.1321, 27.8383

Details

The CIELCh color **89, 29.857, 85.132** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **79, 29.389, 274.802**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 16.691, 108.916**, and **69, 29.527, 85.239** is the 20% darker color. If you saturate the color by 10%, you get **86, 39.311, 83.738**, and if you desaturate by 10%, it is **92, 20.553, 86.495**.

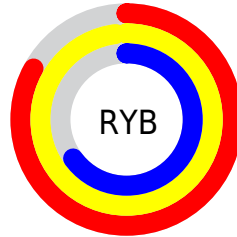
Distribution



Red (98%)

Green (86%)

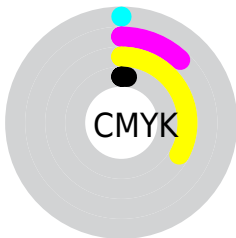
Blue (65%)



Red (83%)

Yellow (98%)

Blue (65%)

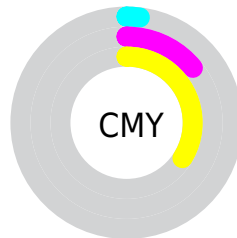


Cyan (0%)

Magenta (12%)

Yellow (33%)

Black (2%)



Cyan (2%)

Magenta (14%)

Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 29.857, 85.132 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, 29.857, 85.132 by changing the saturation by 10% instead.

 89, 29.857, 85.132

 89, 29.857, 85.132

 100, 29.857,
85.132

 79, 29.857, 85.132

 69, 29.857, 85.132

 59, 29.857, 85.132

 49, 29.857, 85.132

 39, 29.857, 85.132

 29, 29.857, 85.132

 19, 29.857, 85.132

 9, 29.857, 85.132

 0, 29.857, 85.132

89, 29.857, 85.132

89, 29.857, 85.132

86, 39.311, 83.738

92, 20.553, 86.495

84, 48.798, 82.292

94, 11.446, 87.804

81, 58.089, 80.779

97, 2.551, 88.989

79, 66.755, 79.147

100, 2.058,
199.597

77, 74.065, 77.289

75, 79.038, 75.016

73, 81.046, 73.114

Harmonies

Complementary

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



89, 29.857, 85.132



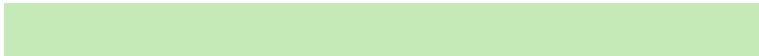
79, 29.389, 274.802

Rectangle

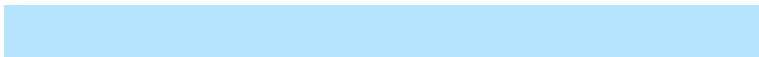
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89, 29.857, 85.132



89, 29.857, 135.132



89, 29.857, 265.132



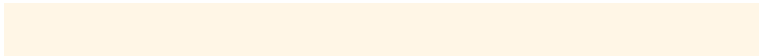
89, 29.857, 315.132

Sweetspot

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



89, 29.858, 85.138



97, 8.992, 88.173



77, 34.422, 355.135



51, 6.146, 87.996



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, 29.858, 85.138



89, 37.242, 84.145



95, 41.479, 112.856



51, 5.025, 88.237



57, 65.784, 73.682



18, 26.690, 76.431

Inverse Universe

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



79, 29.389, 274.802



76, 36.570, 276.365



72, 44.903, 298.646



49, 5.012, 270.770



33, 75.602, 295.486



8, 29.614, 289.873

Previews

White Background



This preview shows how the CIELCh color 89, 29.857, 85.132 looks on a white background.

Color Contrast Check

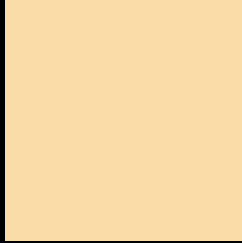
Large Text (above 18pt) WCAG AA × Fail

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 89, 29.857, 85.132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

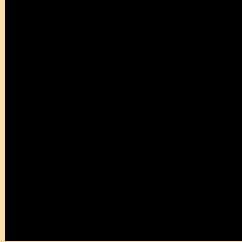
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 29.857, 85.132

Background



This preview shows how black text looks on a background with the CIELCh color 89, 29.857, 85.132.



This preview shows how white text looks on a background with the CIELCh color 89, 29.857, 85.132.

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, 29.857, 85.132

Protanopia

89, 28.609, 95.102

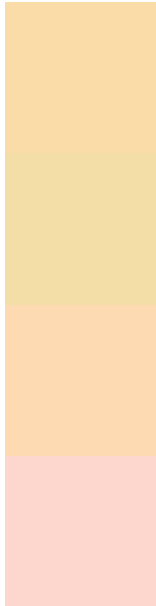
Deuteranopia

89, 23.216, 68.938



Tritanopia
89, 17.680, 352.784

Trichromacy



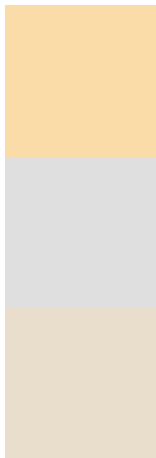
Original Color
89, 29.857, 85.132

Protanomaly
89, 29.159, 91.271

Deuteranomaly
89, 25.484, 75.664

Tritanomaly
89, 15.091, 38.262

Monochromacy



Original Color
89, 29.857, 85.132

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 10.531, 88.595

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 29.857, 85.132 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(249, 220, 167)` looks like.

```
.text, #text, p{  
    color:rgb(249, 220, 167)  
}
```

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(249, 220, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 220, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 29.857, 85.132 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(249, 220, 167) }
```

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

```
.border{ border-color:rgb(249, 220, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 220, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 220, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 220, 167);  
box-shadow:4px 4px 4px 4px rgb(249, 220,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 29.857, 85.132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 220, 167) }
```

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

```
.background{ background-color: rgb(249,  
220, 167) }
```

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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