

Converting Colors

CIELCh(84, 37.128, 74.932)

Have a look what the booklet for
CIELCh(84, 37.128, 74.932) contains.

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Color

CIELCh(84, 37.136, 75.083)

Conversions

Conversions Part 1

Format	Color
Hex	F9C98E
RGB	249, 201, 142
RGB Percent	98%, 79%, 56%
CMY	0.0223, 0.2106, 0.4421
CMYK	0.00, 0.19, 0.43, 0.02
HSL	33°, 90%, 77%
HSV	33°, 43%, 98%
XYZ	65.0346, 64.0658, 34.6376
YIQ	208.6260, 47.5470, -8.1730

Conversions

Conversions Part 2

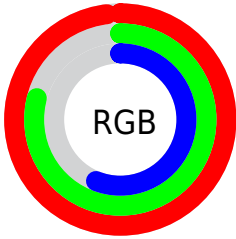
Format	Color
R _Y B	229, 249, 142
Decimal	16370062
CIE Lab	84.00, 9.56, 35.88
CIE LCh	84, 37.136, 75.083
Yxy	64.0658, 0.3972, 0.3913
Android (android.graphics.Color)	4294560142 (0xFFFF9C98E)
YUV	208.6260, -32.8466, 35.4080
Hunter-Lab	80.0411, 4.9619, 30.3712

Details

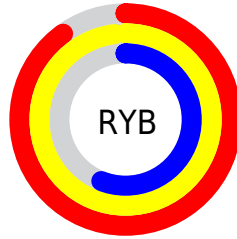
The CIELCh color **84, 37.136, 75.083** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **76, 34.137, 268.565**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 29.728, 107.918**, and **64, 37.141, 74.703** is the 20% darker color. If you saturate the color by 10%, you get **81, 46.554, 73.686**, and if you desaturate by 10%, it is **87, 27.961, 76.455**.

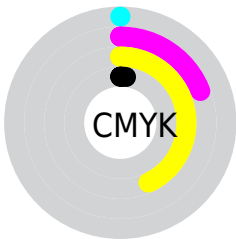
Distribution



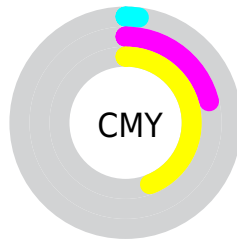
- Red (98%)
- Green (79%)
- Blue (56%)



- Red (90%)
- Yellow (98%)
- Blue (56%)



- Cyan (0%)
- Magenta (19%)
- Yellow (43%)
- Black (2%)





- Cyan (2%)
- Magenta (21%)
- Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 37.136, 75.083 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 84, 37.136, 75.083 by changing the saturation by 10% instead.

 84, 37.136, 75.083

 84, 37.136, 75.083

 100, 37.136,
75.083

 74, 37.136, 75.083

 64, 37.136, 75.083

 54, 37.136, 75.083

 44, 37.136, 75.083

 34, 37.136, 75.083

 24, 37.136, 75.083

 14, 37.136, 75.083

 4, 37.136, 75.083

 0, 37.136, 75.083

84, 37.136, 75.083

84, 37.136, 75.083

81, 46.554, 73.686

87, 27.961, 76.455

78, 56.042, 72.223

90, 19.096, 77.791

75, 65.234, 70.631

94, 10.561, 79.089

72, 73.441, 68.761

97, 2.343, 80.241

70, 79.594, 66.344

100, 1.974,
199.616

68, 82.498, 64.254

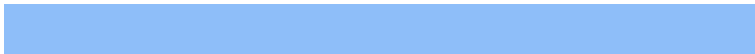
Harmonies

Complementary

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



84, 37.136, 75.083



76, 34.137, 268.565

Rectangle

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



84, 37.136, 75.083



84, 37.136, 125.083



84, 37.136, 255.083



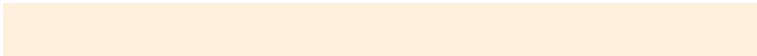
84, 37.136, 305.083

Sweetspot

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



84, 37.136, 75.088



96, 10.814, 79.078



72, 46.776, 351.154



50, 7.600, 78.796



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



84, 37.136, 75.088



83, 46.517, 73.810



96, 53.277, 108.335



50, 4.619, 79.519



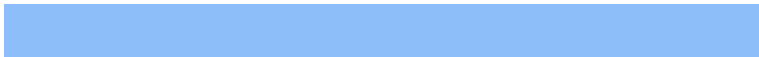
53, 66.766, 64.930



16, 25.926, 66.900

Inverse Universe

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



76, 34.137, 268.565



73, 42.028, 271.061



64, 59.709, 297.564



49, 4.552, 262.102



38, 63.792, 288.778



10, 25.161, 282.311

Previews

White Background



This preview shows how the CIELCh color 84, 37.136, 75.083 looks on a white background.

Color Contrast Check

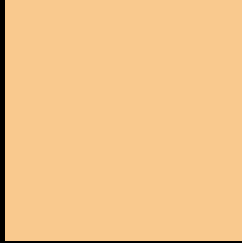
Large Text (above 18pt) WCAG AA × Fail

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 84, 37.136, 75.083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

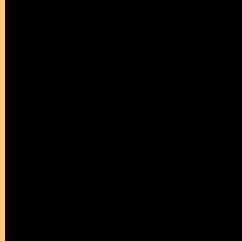
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 37.136, 75.083

Background



This preview shows how black text looks on a background with the CIELCh color 84, 37.136, 75.083.



This preview shows how white text looks on a background with the CIELCh color 84, 37.136, 75.083.

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

84, 37.136, 75.083

Protanopia

84, 34.046, 95.551

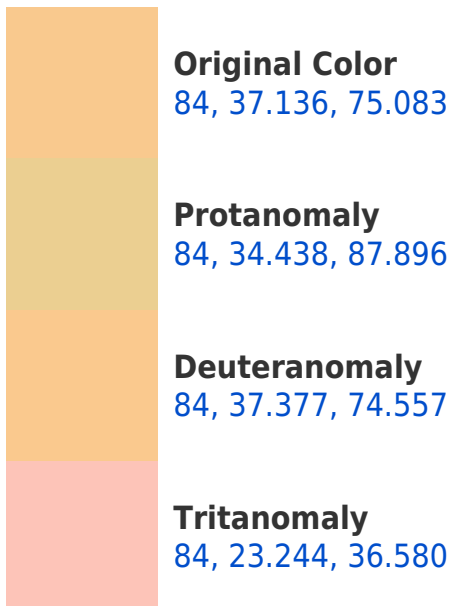
Deuteranopia

84, 37.622, 74.038



Tritanopia
84, 24.393, 2.722

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 37.136, 75.083 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, 201, 142)` looks like.

```
.text, #text, p{  
    color:rgb(249, 201, 142)  
}
```

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, 201, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 201, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 37.136, 75.083 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, 201, 142) }
```

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

```
.border{ border-color:rgb(249, 201, 142) }
```

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

Here you see how a box with a 4 pixel rgb(249, 201, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 201, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 201, 142);  
box-shadow:4px 4px 4px 4px rgb(249, 201,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 37.136, 75.083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 201, 142) }
```

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

```
.background{ background-color: rgb(249,  
201, 142) }
```

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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