

Converting Colors

CIELCh(84, 37.094, 69.051)

Have a look what the booklet for
CIELCh(84, 37.094, 69.051) contains.

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Color

CIELCh(84, 37.094, 69.051)

Conversions

Conversions Part 1

Format	Color
Hex	FFC791
RGB	255, 199, 145
RGB Percent	100%, 78%, 57%
CMY	0.0005, 0.2201, 0.4318
CMYK	0.00, 0.22, 0.43, 0.00
HSL	29°, 100%, 78%
HSV	29°, 43%, 100%
XYZ	66.6881, 64.0658, 35.5918
YIQ	209.5880, 50.7100, -4.9220

Conversions

Conversions Part 2

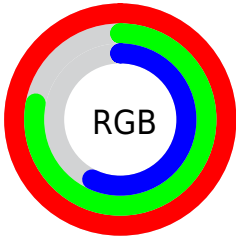
Format	Color
R _Y B	255, 251, 145
Decimal	16762769
CIE _{Lab}	84.00, 13.26, 34.64
CIE _{LCh}	84, 37.094, 69.051
Yxy	64.0658, 0.4009, 0.3851
Android (android.graphics.Color)	4294952849 (0xFFFFC791)
YUV	209.5880, -31.8419, 39.8263
Hunter-Lab	80.0411, 8.6495, 29.6643

Details

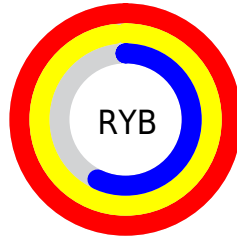
The CIELCh color **84, 37.094, 69.051** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **79, 32.475, 262.187**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 28.233, 108.033**, and **64, 36.914, 68.925** is the 20% darker color. If you saturate the color by 10%, you get **81, 46.757, 67.786**, and if you desaturate by 10%, it is **88, 27.806, 70.314**.

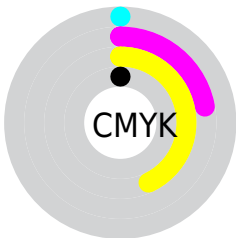
Distribution



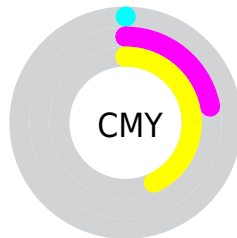
- Red (100%)
- Green (78%)
- Blue (57%)



- Red (100%)
- Yellow (98%)
- Blue (57%)



- Cyan (0%)
- Magenta (22%)
- Yellow (43%)
- Black (0%)



- Cyan (0%)
- Magenta (22%)
- Yellow (43%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 37.094, 69.051 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, 37.094, 69.051 by changing the saturation by 10% instead.

 84, 37.094, 69.051

 84, 37.094, 69.051

 100, 37.094,
69.051

 74, 37.094, 69.051

 64, 37.094, 69.051

 54, 37.094, 69.051

 44, 37.094, 69.051

 34, 37.094, 69.051

 24, 37.094, 69.051

 14, 37.094, 69.051

 4, 37.094, 69.051

 0, 37.094, 69.051

84, 37.094, 69.051

84, 37.094, 69.051

81, 46.757, 67.786

88, 27.806, 70.314

77, 56.650, 66.476

91, 18.942, 71.561

74, 66.436, 65.052

95, 10.499, 72.786

71, 75.428, 63.345

99, 2.452, 73.872

68, 82.476, 61.033

100, 0.046,
213.863

66, 85.909, 59.047

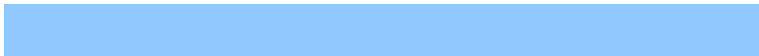
Harmonies

Complementary

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



84, 37.094, 69.051



79, 32.475, 262.187

Rectangle

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



84, 37.094, 69.051



84, 37.094, 119.051



84, 37.094, 249.051



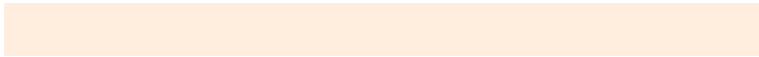
84, 37.094, 299.051

Sweetspot

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



84, 37.094, 69.056



95, 10.377, 72.805



73, 49.571, 347.120



50, 7.301, 72.538



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, 37.094, 69.056



81, 45.647, 67.933



97, 53.654, 105.265



51, 4.499, 73.219



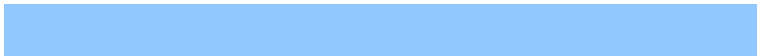
51, 68.954, 59.757



16, 27.019, 60.928

Inverse Universe

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



79, 32.475, 262.187



75, 38.803, 264.636



65, 60.029, 295.614



51, 4.393, 255.736



42, 57.260, 283.288



12, 23.349, 276.662

Previews

White Background



This preview shows how the CIELCh color 84, 37.094, 69.051 looks on a white background.

Color Contrast Check

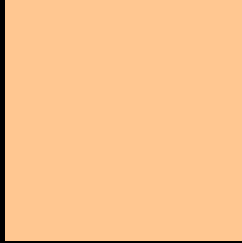
Large Text (above 18pt) WCAG AA × Fail

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 84, 37.094, 69.051 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, 37.094, 69.051

Background



This preview shows how black text looks on a background with the CIELCh color 84, 37.094, 69.051.



This preview shows how white text looks on a background with the CIELCh color 84, 37.094, 69.051.

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, 37.094, 69.051

Protanopia

84, 32.452, 95.887

Deuteranopia

84, 36.036, 73.455



Tritanopia
84, 24.163, 5.115

Trichromacy



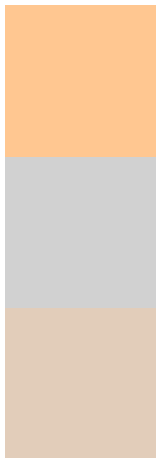
Original Color
84, 37.094, 69.051

Protanomaly
84, 32.832, 85.615

Deuteranomaly
84, 36.403, 71.474

Tritanomaly
84, 24.254, 34.755

Monochromacy



Original Color
84, 37.094, 69.051

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 12.847, 70.519

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 37.094, 69.051 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, 199, 145)` looks like.

```
.text, #text, p{  
    color:rgb(255, 199, 145)  
}
```

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, 199, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 199, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 37.094, 69.051 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, 199, 145) }
```

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

```
.border{ border-color:rgb(255, 199, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 199, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 199, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 199, 145);  
box-shadow:4px 4px 4px 4px rgb(255, 199,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 37.094, 69.051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 199, 145) }
```

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

```
.background{ background-color: rgb(255,  
199, 145) }
```

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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