

Converting Colors

CIELCh(89, 44.587, 40.545)

Have a look what the booklet for
CIELCh(89, 44.587, 40.545) contains.

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Color

CIELCh(84, 27.418, 52.793)

Conversions

Conversions Part 1

Format	Color
Hex	FEC5A9
RGB	254, 197, 169
RGB Percent	100%, 77%, 66%
CMY	0.0029, 0.2262, 0.3360
CMYK	0.00, 0.22, 0.33, 0.00
HSL	20°, 98%, 83%
HSV	20°, 33%, 100%
XYZ	68.1930, 64.0658, 46.4667
YIQ	210.8510, 42.9600, 3.3760

Conversions

Conversions Part 2

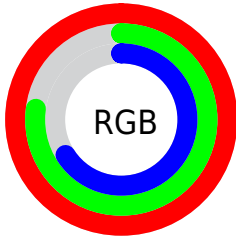
Format	Color
R _Y B	254, 211, 169
Decimal	16696745
CIE Lab	84.00, 16.58, 21.84
CIE LCh	84, 27.418, 52.793
Yxy	64.0658, 0.3816, 0.3585
Android (android.graphics.Color)	4294886825 (0xFFFE C5A9)
YUV	210.8510, -20.6325, 37.8417
Hunter-Lab	80.0411, 12.0055, 21.6088

Details

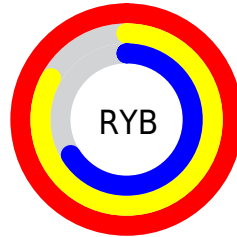
The CIELCh color **84, 27.418, 52.793** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **87, 22.590, 239.205**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 15.190, 107.647**, and **64, 27.432, 52.397** is the 20% darker color. If you saturate the color by 10%, you get **80, 37.001, 52.243**, and if you desaturate by 10%, it is **89, 18.497, 53.439**.

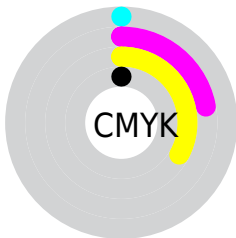
Distribution



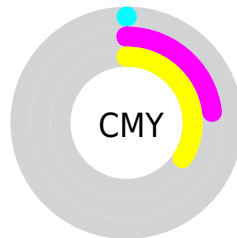
- Red (100%)
- Green (77%)
- Blue (66%)



- Red (100%)
- Yellow (83%)
- Blue (66%)



- Cyan (0%)
- Magenta (22%)
- Yellow (33%)
- Black (0%)



- Cyan (0%)
- Magenta (23%)
- Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 27.418, 52.793 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, 27.418, 52.793 by changing the saturation by 10% instead.

 84, 27.418, 52.793

 84, 27.418, 52.793

 100, 27.418,
52.793

 74, 27.418, 52.793

 64, 27.418, 52.793

 54, 27.418, 52.793

 44, 27.418, 52.793

 34, 27.418, 52.793

 24, 27.418, 52.793

 14, 27.418, 52.793

 4, 27.418, 52.793

 0, 27.418, 52.793

84, 27.418, 52.793

84, 27.418, 52.793

80, 37.001, 52.243

89, 18.497, 53.439

75, 47.241, 51.782

93, 10.208, 54.131

71, 58.042, 51.407

98, 2.497, 54.721

67, 69.134, 51.053

100, 0.259,
201.951

64, 79.870, 50.526

61, 88.937, 49.392

59, 93.511, 48.235

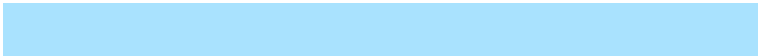
Harmonies

Complementary

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



84, 27.418, 52.793



87, 22.590, 239.205

Rectangle

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



84, 27.418, 52.793



84, 27.418, 102.793



84, 27.418, 232.793



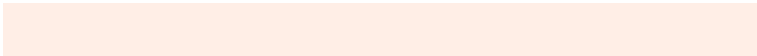
84, 27.418, 282.793

Sweetspot

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



84, 27.417, 52.800



95, 7.539, 54.367



79, 42.802, 337.496



50, 5.170, 54.271



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, 27.417, 52.800



81, 33.745, 52.422



94, 35.813, 97.487



51, 4.279, 54.401



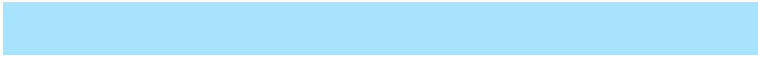
45, 75.009, 48.837



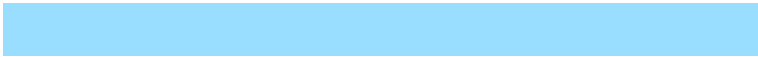
13, 28.184, 46.128

Inverse Universe

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



87, 22.590, 239.205



85, 26.579, 240.404



76, 37.472, 286.253



51, 4.078, 236.148



51, 41.508, 261.552



16, 17.883, 254.340

Previews

White Background



This preview shows how the CIELCh color 84, 27.418, 52.793 looks on a white background.

Color Contrast Check

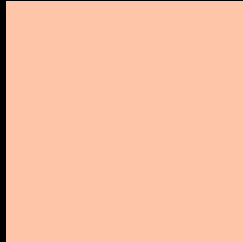
Large Text (above 18pt) WCAG AA × Fail

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, 27.418, 52.793 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

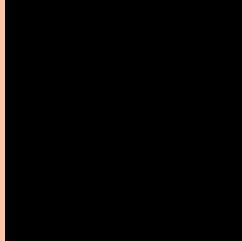
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 27.418, 52.793

Background



This preview shows how black text looks on a background with the CIELCh color 84, 27.418, 52.793.

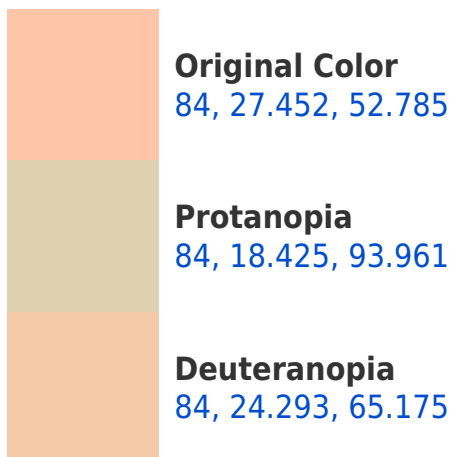


This preview shows how white text looks on a background with the CIELCh color 84, 27.418, 52.793.

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
84, 24.273, 3.912

Trichromacy



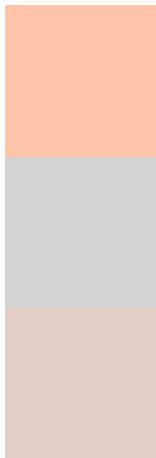
Original Color
84, 27.452, 52.785

Protanomaly
84, 20.174, 75.632

Deuteranomaly
84, 25.397, 59.836

Tritanomaly
84, 23.109, 23.772

Monochromacy



Original Color
84, 27.452, 52.785

Achromatopsia
85, 0.010, 296.813

Achromatomaly
84, 9.497, 53.297

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 27.418, 52.793 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(254, 197, 169)` looks like.

```
.text, #text, p{  
    color:rgb(254, 197, 169)  
}
```

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(254, 197, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 197, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 27.418, 52.793 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(254, 197, 169) }
```

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

```
.border{ border-color:rgb(254, 197, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 197, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 197, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 197, 169);  
box-shadow:4px 4px 4px 4px rgb(254, 197,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 27.418, 52.793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 197, 169) }
```

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

```
.background{ background-color: rgb(254,  
197, 169) }
```

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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