

Converting Colors

CIELCh(84, 29.353, 64.731)

Have a look what the booklet for
CIELCh(84, 29.353, 64.731) contains.

CIELCh(84, 29.505, 65.064)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(84, 29.505, 65.064)

Conversions

Conversions Part 1

Format	Color
Hex	FAC8A0
RGB	250, 200, 160
RGB Percent	98%, 78%, 63%
CMY	0.0202, 0.2163, 0.3731
CMYK	0.00, 0.20, 0.36, 0.02
HSL	27°, 90%, 80%
HSV	27°, 36%, 98%
XYZ	66.3182, 64.0658, 42.0615
YIQ	210.3900, 42.6400, -1.8400

Conversions

Conversions Part 2

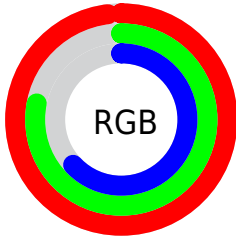
Format	Color
R _Y B	250, 232, 160
Decimal	16435360
CIE Lab	84.00, 12.44, 26.75
CIE LCh	84, 29.505, 65.064
Yxy	64.0658, 0.3846, 0.3715
Android (android.graphics.Color)	4294625440 (0xFFFA08A0)
YUV	210.3900, -24.8423, 34.7380
Hunter-Lab	80.0411, 7.8246, 24.8720

Details

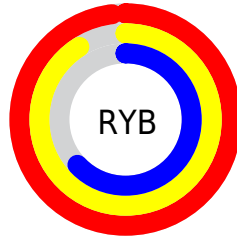
The CIELCh color **84, 29.505, 65.064** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **82, 25.658, 254.961**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 20.216, 108.647**, and **64, 29.578, 65.104** is the 20% darker color. If you saturate the color by 10%, you get **80, 38.798, 63.960**, and if you desaturate by 10%, it is **88, 20.702, 66.194**.

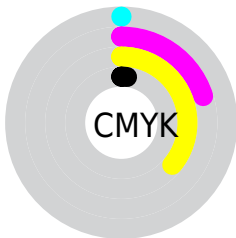
Distribution



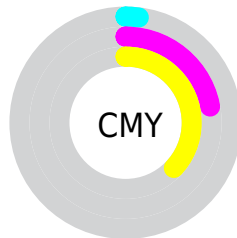
- Red (98%)
- Green (78%)
- Blue (63%)



- Red (98%)
- Yellow (91%)
- Blue (63%)



- Cyan (0%)
- Magenta (20%)
- Yellow (36%)
- Black (2%)



- Cyan (2%)
- Magenta (22%)
- Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 29.505, 65.064 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, 29.505, 65.064 by changing the saturation by 10% instead.

 84, 29.505, 65.064

 84, 29.505, 65.064

 100, 29.505,
65.064

 74, 29.505, 65.064

 64, 29.505, 65.064

 54, 29.505, 65.064

 44, 29.505, 65.064

 34, 29.505, 65.064

 24, 29.505, 65.064

 14, 29.505, 65.064

 4, 29.505, 65.064

 0, 29.505, 65.064

84, 29.505, 65.064

84, 29.505, 65.064

80, 38.798, 63.960

88, 20.702, 66.194

77, 48.532, 62.859

92, 12.384, 67.319

73, 58.546, 61.732

96, 4.521, 68.393

70, 68.460, 60.482

100, 1.791,
199.662

67, 77.485, 58.890

64, 84.338, 56.552

63, 86.550, 55.497

Harmonies

Complementary

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



84, 29.505, 65.064



82, 25.658, 254.961

Rectangle

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



84, 29.505, 65.064



84, 29.505, 115.064



84, 29.505, 245.064



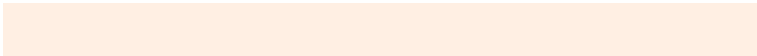
84, 29.505, 295.064

Sweetspot

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



84, 29.505, 65.070



95, 8.525, 67.872



76, 42.125, 343.459



50, 5.750, 67.724



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, 29.505, 65.070



83, 36.550, 64.289



95, 42.413, 103.621



50, 4.315, 68.036



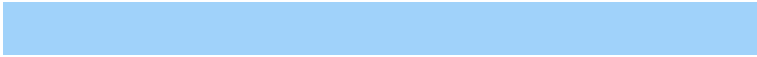
48, 69.756, 56.195



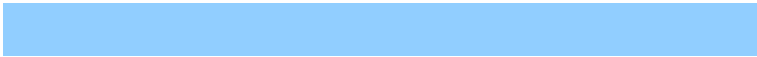
14, 25.973, 56.110

Inverse Universe

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



82, 25.658, 254.961



80, 30.806, 256.611



71, 45.912, 292.302



50, 4.184, 250.418



44, 51.520, 278.139



12, 20.798, 270.813

Previews

White Background



This preview shows how the CIELCh color 84, 29.505, 65.064 looks on a white background.

Color Contrast Check

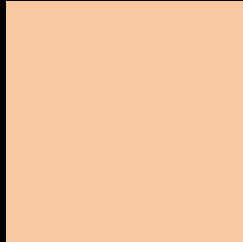
Large Text (above 18pt) WCAG AA × Fail

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, 29.505, 65.064 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, 29.505, 65.064

Background



This preview shows how black text looks on a background with the CIELCh color 84, 29.505, 65.064.



This preview shows how white text looks on a background with the CIELCh color 84, 29.505, 65.064.

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, 29.505, 65.064

Protanopia

84, 24.205, 94.883

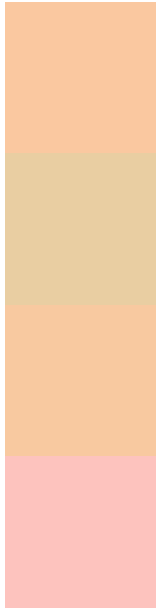
Deuteranopia

84, 28.739, 68.001



Tritanopia
84, 24.393, 2.722

Trichromacy



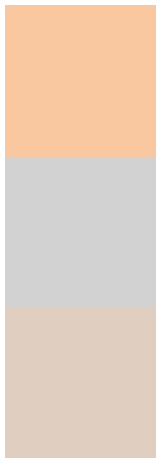
Original Color
84, 29.505, 65.064

Protanomaly
84, 25.560, 83.178

Deuteranomaly
84, 29.018, 67.405

Tritanomaly
84, 22.598, 27.717

Monochromacy



Original Color
84, 29.505, 65.064

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 10.029, 66.724

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 29.505, 65.064 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(250, 200, 160)` looks like.

```
.text, #text, p{  
    color:rgb(250, 200, 160)  
}
```

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(250, 200, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 200, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 29.505, 65.064 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(250, 200, 160) }
```

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

```
.border{ border-color:rgb(250, 200, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 200, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 200, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 200, 160);  
box-shadow:4px 4px 4px 4px rgb(250, 200,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 29.505, 65.064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 200, 160) }
```

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

```
.background{ background-color: rgb(250,  
200, 160) }
```

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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