

Converting Colors

CIELCh(84, 27.557, 66.369)

Have a look what the booklet for
CIELCh(84, 27.557, 66.369) contains.

CIELCh(84, 27.497, 66.140)	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, 27.497, 66.140)

Conversions

Conversions Part 1

Format	Color
Hex	F7C9A3
RGB	247, 201, 163
RGB Percent	97%, 79%, 64%
CMY	0.0321, 0.2125, 0.3615
CMYK	0.00, 0.19, 0.34, 0.03
HSL	27°, 84%, 80%
HSV	27°, 34%, 97%
XYZ	65.7292, 64.0658, 43.4695
YIQ	210.4220, 39.6140, -2.0660

Conversions

Conversions Part 2

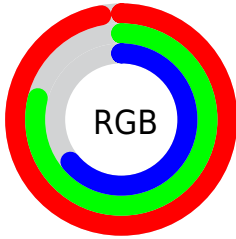
Format	Color
R _Y B	247, 232, 163
Decimal	16239011
CIE Lab	84.00, 11.12, 25.15
CIE LCh	84, 27.497, 66.140
Yxy	64.0658, 0.3794, 0.3698
Android (android.graphics.Color)	4294429091 (0xFFFF7C9A3)
YUV	210.4220, -23.3790, 32.0789
Hunter-Lab	80.0411, 6.5110, 23.8290

Details

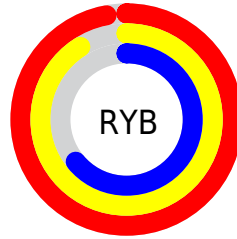
The CIELCh color $84, 27.497, 66.140$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $82, 24.243, 255.498$, and the grayscale version is $84, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 18.707, 108.762$, and $64, 27.412, 66.344$ is the 20% darker color. If you saturate the color by 10%, you get $80, 36.594, 65.006$, and if you desaturate by 10%, it is $88, 18.874, 67.295$.

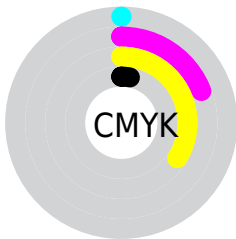
Distribution



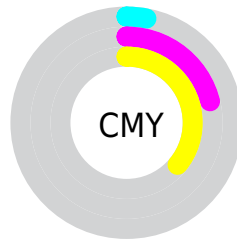
- Red (97%)
- Green (79%)
- Blue (64%)



- Red (97%)
- Yellow (91%)
- Blue (64%)



- Cyan (0%)
- Magenta (19%)
- Yellow (34%)
- Black (3%)



- Cyan (3%)
- Magenta (21%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 27.497, 66.140 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, 27.497, 66.140 by changing the saturation by 10% instead.

 84, 27.497, 66.140

 84, 27.497, 66.140

 100, 27.497,
66.140

 74, 27.497, 66.140

 64, 27.497, 66.140

 54, 27.497, 66.140

 44, 27.497, 66.140

 34, 27.497, 66.140

 24, 27.497, 66.140

 14, 27.497, 66.140

 4, 27.497, 66.140

 0, 27.497, 66.140

84, 27.497, 66.140

84, 27.497, 66.140

80, 36.594, 65.006

88, 18.874, 67.295

77, 46.128, 63.872

92, 10.715, 68.438

73, 55.967, 62.718

96, 2.990, 69.481

70, 65.784, 61.463

99, 2.794, 200.730

67, 74.897, 59.921

99, 2.837, 199.459

64, 82.126, 57.731

63, 85.387, 56.112

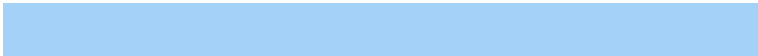
Harmonies

Complementary

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



84, 27.497, 66.140



82, 24.243, 255.498

Rectangle

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



84, 27.497, 66.140



84, 27.497, 116.140



84, 27.497, 246.140



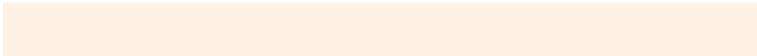
84, 27.497, 296.140

Sweetspot

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



84, 27.497, 66.147



96, 7.757, 68.885



76, 39.024, 344.136



51, 5.313, 68.729



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, 27.497, 66.147



84, 34.705, 65.342



94, 40.353, 104.629



49, 4.259, 68.943



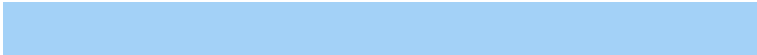
48, 68.763, 56.825



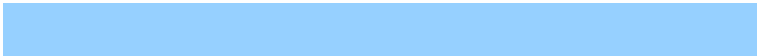
14, 24.729, 56.599

Inverse Universe

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



82, 24.243, 255.498



81, 29.699, 257.098



71, 43.581, 292.635



49, 4.134, 251.348



43, 51.793, 279.020



12, 20.385, 271.349

Previews

White Background



This preview shows how the CIELCh color 84, 27.497, 66.140 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, 27.497, 66.140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

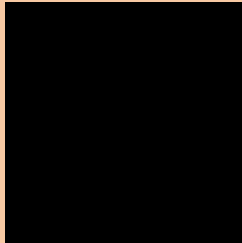
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 27.497, 66.140

Background



This preview shows how black text looks on a background with the CIELCh color 84, 27.497, 66.140.




This preview shows how white text looks on a background with the CIELCh color 84, 27.497, 66.140.

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](#).

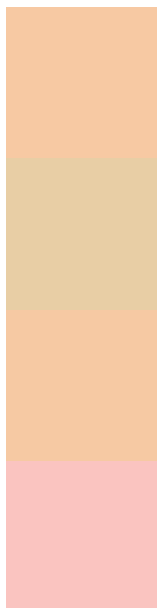
Dichromacy





Tritanopia
84, 22.940, 1.332

Trichromacy



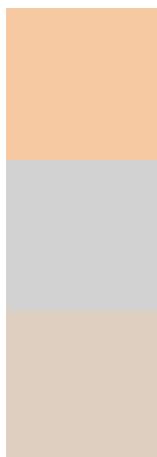
Original Color
84, 27.497, 66.140

Protanomaly
84, 23.943, 82.703

Deuteranomaly
84, 27.212, 66.754

Tritanomaly
84, 20.893, 26.700

Monochromacy



Original Color
84, 27.497, 66.140

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 9.513, 70.099

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 27.497, 66.140 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(247, 201, 163)` looks like.

```
.text, #text, p{  
    color:rgb(247, 201, 163)  
}
```

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(247, 201, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 201, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 27.497, 66.140 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(247, 201, 163) }
```

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

```
.border{ border-color:rgb(247, 201, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 201, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 201, 163); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 201, 163); box-shadow:4px 4px 4px 4px rgb(247, 201, 163) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 27.497, 66.140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 201, 163) }
```

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

```
.background{ background-color: rgb(247,  
201, 163) }
```

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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