

Converting Colors

CIELCh(98, 75.796, 40.494)

Have a look what the booklet for
CIELCh(98, 75.796, 40.494) contains.

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Color

CIELCh(84, 32.202, 64.187)

Conversions

Conversions Part 1

Format	Color
Hex	FEC79C
RGB	254, 199, 156
RGB Percent	100%, 78%, 61%
CMY	0.0057, 0.2209, 0.3894
CMYK	0.00, 0.22, 0.39, 0.01
HSL	26°, 97%, 80%
HSV	26°, 39%, 99%
XYZ	67.0307, 64.0658, 40.1554
YIQ	210.5430, 46.5830, -1.7130

Conversions

Conversions Part 2

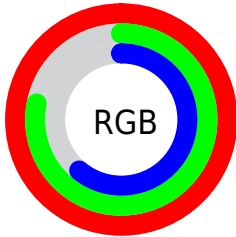
Format	Color
RYB	254, 233, 156
Decimal	16697244
CIELab	84.00, 14.02, 28.99
CIELCh	84, 32.202, 64.187
Yxy	64.0658, 0.3914, 0.3741
Android (android.graphics.Color)	4294887324 (0xFFFE79C)
YUV	210.5430, -26.8897, 38.1118
Hunter-Lab	80.0411, 9.4135, 26.2839

Details

The CIELCh color **84, 32.202, 64.187** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **82, 27.572, 254.858**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 22.227, 108.494**, and **64, 32.525, 64.049** is the 20% darker color. If you saturate the color by 10%, you get **80, 41.742, 63.108**, and if you desaturate by 10%, it is **88, 23.161, 65.295**.

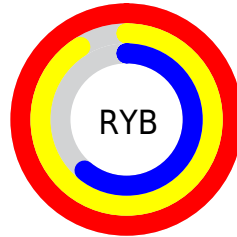
Distribution



Red (100%)

Green (78%)

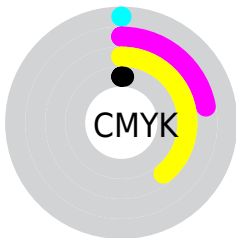
Blue (61%)



Red (100%)

Yellow (91%)

Blue (61%)

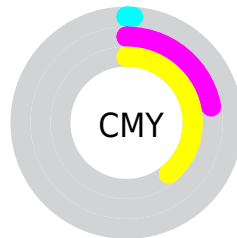


Cyan (0%)

Magenta (22%)

Yellow (39%)

Black (1%)



Cyan (1%)

Magenta (22%)

Yellow (39%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 32.202, 64.187 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, 32.202, 64.187 by changing the saturation by 10% instead.

 84, 32.202, 64.187

 84, 32.202, 64.187

 100, 32.202,
64.187

 74, 32.202, 64.187

 64, 32.202, 64.187

 54, 32.202, 64.187

 44, 32.202, 64.187

 34, 32.202, 64.187

 24, 32.202, 64.187

 14, 32.202, 64.187

 4, 32.202, 64.187

 0, 32.202, 64.187

84, 32.202, 64.187

84, 32.202, 64.187

80, 41.742, 63.108

88, 23.161, 65.295

77, 51.713, 62.030

92, 14.624, 66.407

73, 61.910, 60.912

96, 6.565, 67.495

70, 71.861, 59.633

100, 0.502,
200.694

67, 80.629, 57.923

64, 86.985, 55.414

64, 87.800, 55.061

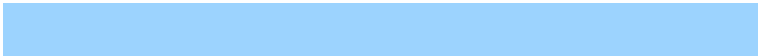
Harmonies

Complementary

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



84, 32.202, 64.187



82, 27.572, 254.858

Rectangle

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



84, 32.202, 64.187



84, 32.202, 114.187



84, 32.202, 244.187



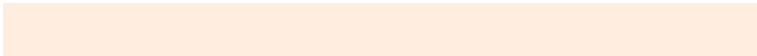
84, 32.202, 294.187

Sweetspot

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



84, 32.202, 64.193



95, 9.305, 67.131



76, 45.619, 343.748



50, 6.195, 66.989



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, 32.202, 64.193



82, 39.408, 63.386



96, 45.898, 103.351



51, 4.377, 67.399



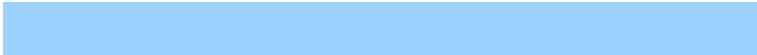
49, 70.673, 55.751



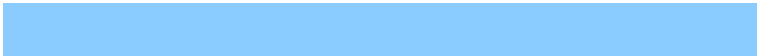
15, 27.196, 55.847

Inverse Universe

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



82, 27.572, 254.858



79, 32.606, 256.688



70, 50.053, 292.781



51, 4.239, 249.765



45, 51.492, 277.523



13, 21.276, 270.531

Previews

White Background



This preview shows how the CIE LCh color 84, 32.202, 64.187 looks on a white background.

Color Contrast Check

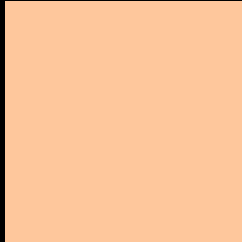
Large Text (above 18pt) WCAG AA × Fail

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, 32.202, 64.187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

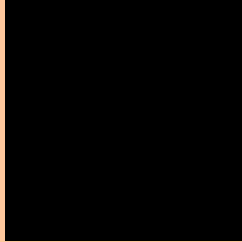
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 32.202, 64.187

Background



This preview shows how black text looks on a background with the CIELCh color 84, 32.202, 64.187.



This preview shows how white text looks on a background with the CIELCh color 84, 32.202, 64.187.

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, 32.240, 64.171

Protanopia

84, 25.820, 94.619

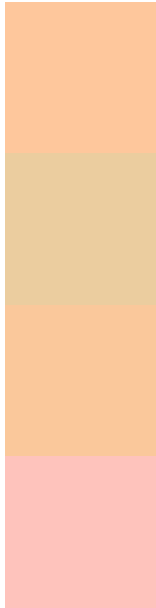
Deuteranopia

84, 31.136, 70.151



Tritanopia
84, 24.273, 3.912

Trichromacy



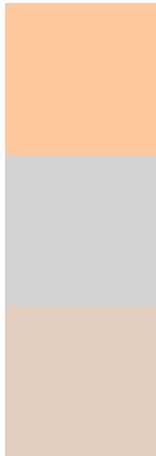
Original Color
84, 32.240, 64.171

Protanomaly
84, 27.092, 81.624

Deuteranomaly
84, 31.567, 67.917

Tritanomaly
84, 23.237, 30.136

Monochromacy



Original Color
84, 32.240, 64.171

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 11.348, 67.330

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 32.202, 64.187 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, 199, 156)` looks like.

```
.text, #text, p{  
    color:rgb(254, 199, 156)  
}
```

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, 199, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 199, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 32.202, 64.187 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, 199, 156) }
```

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

```
.border{ border-color:rgb(254, 199, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 199, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 199, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 199, 156);  
box-shadow:4px 4px 4px 4px rgb(254, 199,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 32.202, 64.187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 199, 156) }
```

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

```
.background{ background-color: rgb(254,  
199, 156) }
```

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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