

Converting Colors

CIELCh(84, 15.187, 42.331)

Have a look what the booklet for
CIELCh(84, 15.187, 42.331) contains.

CIELCh(84, 14.990, 42.845)	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, 14.990, 42.845)

Conversions

Conversions Part 1

Format	Color
Hex	EECABF
RGB	238, 202, 191
RGB Percent	93%, 79%, 75%
CMY	0.0673, 0.2085, 0.2516
CMYK	0.00, 0.15, 0.20, 0.07
HSL	14°, 58%, 84%
HSV	14°, 20%, 93%
XYZ	65.6703, 64.0658, 58.1013
YIQ	211.5100, 24.9870, 4.2110

Conversions

Conversions Part 2

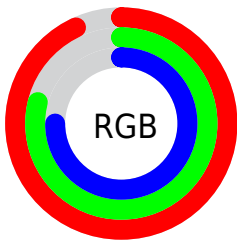
Format	Color
R _Y B	238, 205, 191
Decimal	15649471
CIE Lab	84.00, 10.99, 10.19
CIE LCh	84, 14.990, 42.845
Yxy	64.0658, 0.3496, 0.3411
Android (android.graphics.Color)	4293839551 (0xFFEECABF)
YUV	211.5100, -10.1114, 23.2317
Hunter-Lab	80.0411, 6.3798, 12.9905

Details

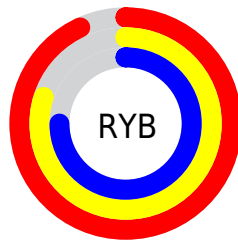
The CIELCh color **84, 14.990, 42.845** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88, 13.204, 224.621**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 4.046, 109.857**, and **64, 15.054, 42.048** is the 20% darker color. If you saturate the color by 10%, you get **79, 23.531, 42.715**, and if you desaturate by 10%, it is **89, 7.106, 43.079**.

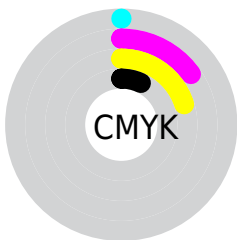
Distribution



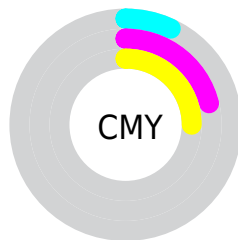
- Red (93%)
- Green (79%)
- Blue (75%)



- Red (93%)
- Yellow (80%)
- Blue (75%)



- Cyan (0%)
- Magenta (15%)
- Yellow (20%)
- Black (7%)



- Cyan (7%)
- Magenta (21%)
- Yellow (25%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 14.990, 42.845 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, 14.990, 42.845 by changing the saturation by 10% instead.

 84, 14.990, 42.845

 84, 14.990, 42.845

 100, 14.990,
42.845

 74, 14.990, 42.845

 64, 14.990, 42.845

 54, 14.990, 42.845

 44, 14.990, 42.845

 34, 14.990, 42.845

 24, 14.990, 42.845

 14, 14.990, 42.845

 4, 14.990, 42.845

 0, 14.990, 42.845

84, 14.990, 42.845

84, 14.990, 42.845

79, 23.531, 42.715

89, 7.106, 43.079

74, 32.772, 42.711

94, 0.173, 227.027

70, 42.715, 42.880

99, 5.898, 199.144

66, 53.302, 43.243

62, 64.348, 43.781

58, 75.409, 44.376

55, 85.475, 44.670

53, 93.070, 44.218

53, 93.242, 44.216

Harmonies

Complementary

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



84, 14.990, 42.845



88, 13.204, 224.621

Rectangle

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



84, 14.990, 42.845



84, 14.990, 92.845



84, 14.990, 222.845



84, 14.990, 272.845

Sweetspot

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



84, 14.989, 42.856



97, 4.554, 43.147



82, 25.417, 333.009



51, 3.029, 43.139



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

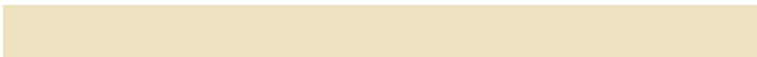
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84, 14.989, 42.856



87, 19.614, 42.780



90, 18.447, 93.672



47, 4.160, 43.085



41, 76.357, 44.662



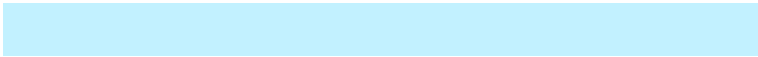
10, 25.717, 37.260

Inverse Universe

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



88, 13.204, 224.621



92, 16.747, 224.951



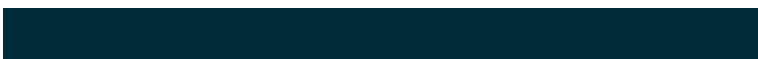
82, 18.635, 278.817



49, 3.928, 224.026



54, 35.171, 242.900



16, 14.998, 235.900

Previews

White Background



This preview shows how the CIELCh color 84, 14.990, 42.845 looks on a white background.

Color Contrast Check

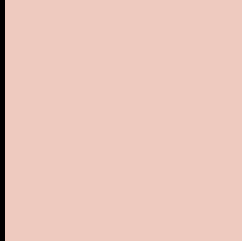
Large Text (above 18pt) WCAG AA × Fail

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, 14.990, 42.845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

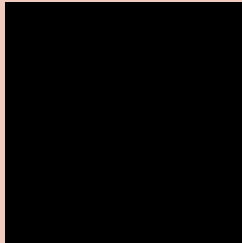
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 14.990, 42.845

Background



This preview shows how black text looks on a background with the CIELCh color 84, 14.990, 42.845.

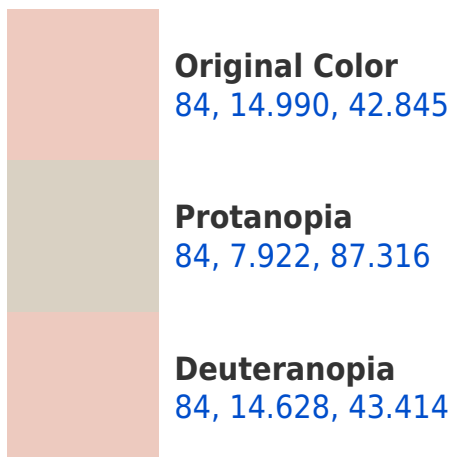



This preview shows how white text looks on a background with the CIELCh color 84, 14.990, 42.845.

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, 17.895, 352.888

Trichromacy



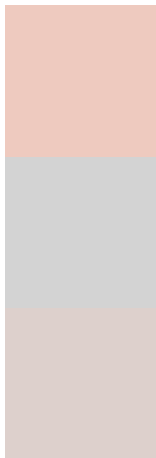
Original Color
84, 14.990, 42.845

Protanomaly
84, 9.916, 63.131

Deuteranomaly
84, 14.628, 43.414

Tritanomaly
84, 15.712, 7.157

Monochromacy



Original Color
84, 14.990, 42.845

Achromatopsia
85, 0.010, 296.813

Achromatomaly
84, 5.231, 43.257

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 14.990, 42.845 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(238, 202, 191)` looks like.

```
.text, #text, p{  
    color:rgb(238, 202, 191)  
}
```

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(238, 202, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 202, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 14.990, 42.845 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(238, 202, 191) }
```

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

```
.border{ border-color:rgb(238, 202, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 202, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 202, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 202, 191);  
box-shadow:4px 4px 4px 4px rgb(238, 202,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 14.990, 42.845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 202, 191) }
```

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

```
.background{ background-color: rgb(238,  
202, 191) }
```

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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