

Converting Colors

CIELCh(88, 41.351, 83.857)

Have a look what the booklet for
CIELCh(88, 41.351, 83.857) contains.

CIELCh(88, 41.662, 84.250)	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(88, 41.662, 84.250)

Conversions

Conversions Part 1

Format	Color
Hex	FFD88E
RGB	255, 216, 142
RGB Percent	100%, 85%, 56%
CMY	0.0015, 0.1543, 0.4444
CMYK	0.00, 0.15, 0.44, 0.00
HSL	39°, 99%, 78%
HSV	39°, 44%, 100%
XYZ	70.4271, 72.0653, 35.6587
YIQ	219.2250, 46.9980, -14.7460

Conversions

Conversions Part 2

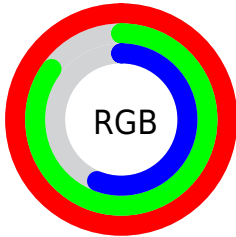
Format	Color
R _Y B	202, 255, 142
Decimal	16767118
CIE _{Lab}	88.00, 4.17, 41.45
CIE _{LCh}	88, 41.662, 84.250
Y _{xy}	72.0653, 0.3953, 0.4045
Android (android.graphics.Color)	4294957198 (0xFFFFD88E)
YUV	219.2250, -38.0719, 31.3747
Hunter-Lab	84.8913, -0.4734, 34.5190

Details

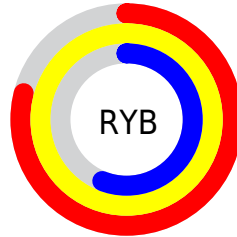
The CIELCh color **88, 41.662, 84.250** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **73, 41.105, 278.088**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 29.230, 107.956**, and **68, 41.663, 84.207** is the 20% darker color. If you saturate the color by 10%, you get **86, 51.325, 82.803**, and if you desaturate by 10%, it is **91, 31.990, 85.658**.

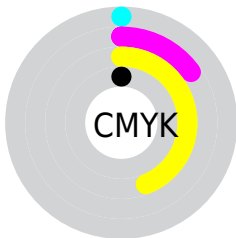
Distribution



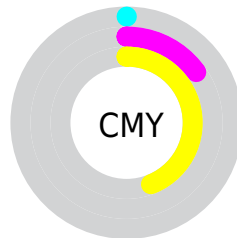
- Red (100%)
- Green (85%)
- Blue (56%)



- Red (79%)
- Yellow (100%)
- Blue (56%)



- Cyan (0%)
- Magenta (15%)
- Yellow (44%)
- Black (0%)



- Cyan (0%)
- Magenta (15%)
- Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 41.662, 84.250 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 88, 41.662, 84.250 by changing the saturation by 10% instead.

 88, 41.662, 84.250

 88, 41.662, 84.250

 100, 41.662,
84.250

 78, 41.662, 84.250

 68, 41.662, 84.250

 58, 41.662, 84.250

 48, 41.662, 84.250

 38, 41.662, 84.250

 28, 41.662, 84.250

 18, 41.662, 84.250

 8, 41.662, 84.250

 0, 41.662, 84.250

88, 41.662, 84.250

88, 41.662, 84.250

86, 51.325, 82.803

91, 31.990, 85.658

83, 60.712, 81.280

93, 22.441, 87.020

81, 69.339, 79.630

96, 13.077, 88.335

79, 76.410, 77.738

99, 3.919, 89.562

76, 80.929, 75.411

100, 0.129,
204.543

75, 82.403, 73.900

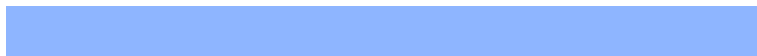
Harmonies

Complementary

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



88, 41.662, 84.250



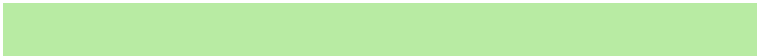
73, 41.105, 278.088

Rectangle

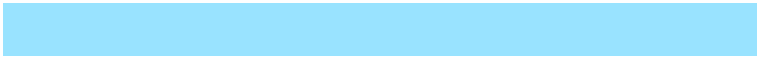
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88, 41.662, 84.250



88, 41.662, 134.250



88, 41.662, 264.250



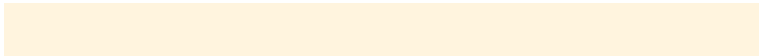
88, 41.662, 314.250

Sweetspot

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



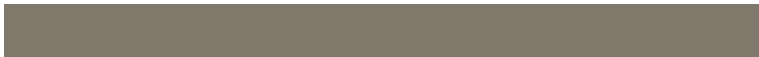
88, 41.663, 84.255



96, 11.831, 88.509



72, 47.095, 358.092



51, 8.301, 88.226



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



88, 41.663, 84.255



86, 50.077, 83.003



97, 56.273, 112.758



52, 5.152, 88.950



58, 66.447, 74.464



19, 27.944, 77.229

Inverse Universe

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



73, 41.105, 278.088



68, 49.523, 280.370



65, 63.024, 300.655



50, 5.144, 271.477



33, 77.521, 296.027



8, 31.092, 290.787

Previews

White Background



This preview shows how the CIELCh color 88, 41.662, 84.250 looks on a white background.

Color Contrast Check

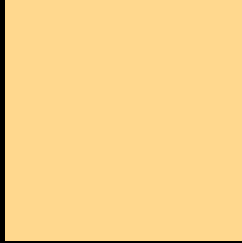
Large Text (above 18pt) WCAG AA × Fail

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 88, 41.662, 84.250 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 88, 41.662, 84.250

Background



This preview shows how black text looks on a background with the CIELCh color 88, 41.662, 84.250.



This preview shows how white text looks on a background with the CIELCh color 88, 41.662, 84.250.

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

88, 41.662, 84.250

Protanopia

88, 40.344, 95.776

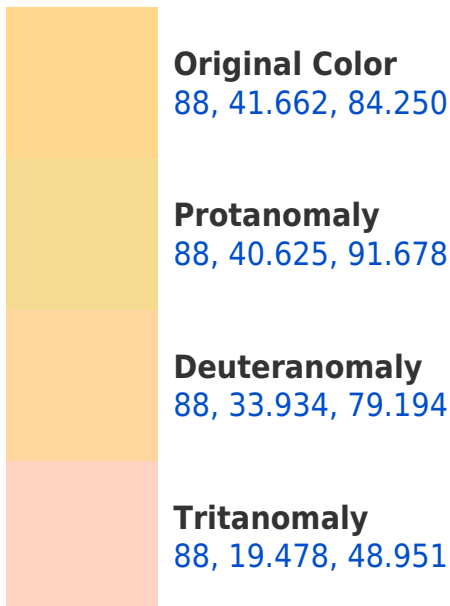
Deuteranopia

88, 29.204, 74.048

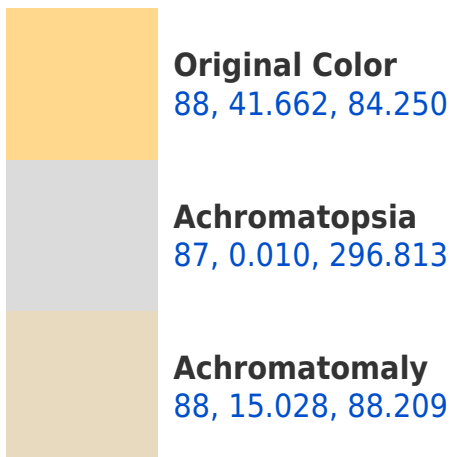


Tritanopia
88, 18.146, 358.997

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 41.662, 84.250 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(255, 216, 142)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 142)  
}
```

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(255, 216, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 41.662, 84.250 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(255, 216, 142) }
```

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

```
.border{ border-color:rgb(255, 216, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 216, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 142);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 41.662, 84.250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 216, 142) }
```

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

```
.background{ background-color: rgb(255,  
216, 142) }
```

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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