

Converting Colors

CIELCh(88, 41.669, 91.927)

Have a look what the booklet for
CIELCh(88, 41.669, 91.927) contains.

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Color

CIELCh(88, 41.595, 91.922)

Conversions

Conversions Part 1

Format	Color
Hex	F5DB8D
RGB	245, 219, 141
RGB Percent	96%, 86%, 55%
CMY	0.0388, 0.1408, 0.4467
CMYK	0.00, 0.11, 0.42, 0.04
HSL	45°, 84%, 76%
HSV	45°, 42%, 96%
XYZ	67.8584, 72.0653, 35.5663
YIQ	217.8820, 40.5340, -18.7460

Conversions

Conversions Part 2

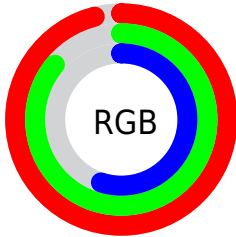
Format	Color
R _Y B	176, 245, 141
Decimal	16112525
CIE Lab	88.00, -1.40, 41.57
CIE LCh	88, 41.595, 91.922
Yxy	72.0653, 0.3867, 0.4107
Android (android.graphics.Color)	4294302605 (0xFFFF5DB8D)
YUV	217.8820, -37.9028, 23.7825
Hunter-Lab	84.8913, -5.8746, 34.5836

Details

The CIELCh color **88, 41.595, 91.922** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **69, 43.108, 284.220**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 29.728, 107.918**, and **68, 41.660, 91.808** is the 20% darker color. If you saturate the color by 10%, you get **86, 51.290, 90.591**, and if you desaturate by 10%, it is **90, 31.731, 93.231**.

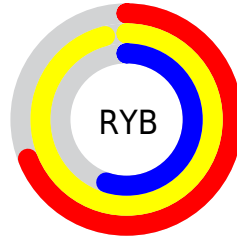
Distribution



Red (96%)

Green (86%)

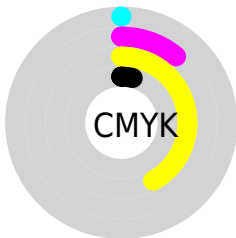
Blue (55%)



Red (69%)

Yellow (96%)

Blue (55%)

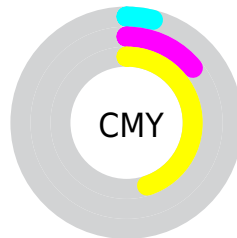


Cyan (0%)

Magenta (11%)

Yellow (42%)

Black (4%)



Cyan (4%)

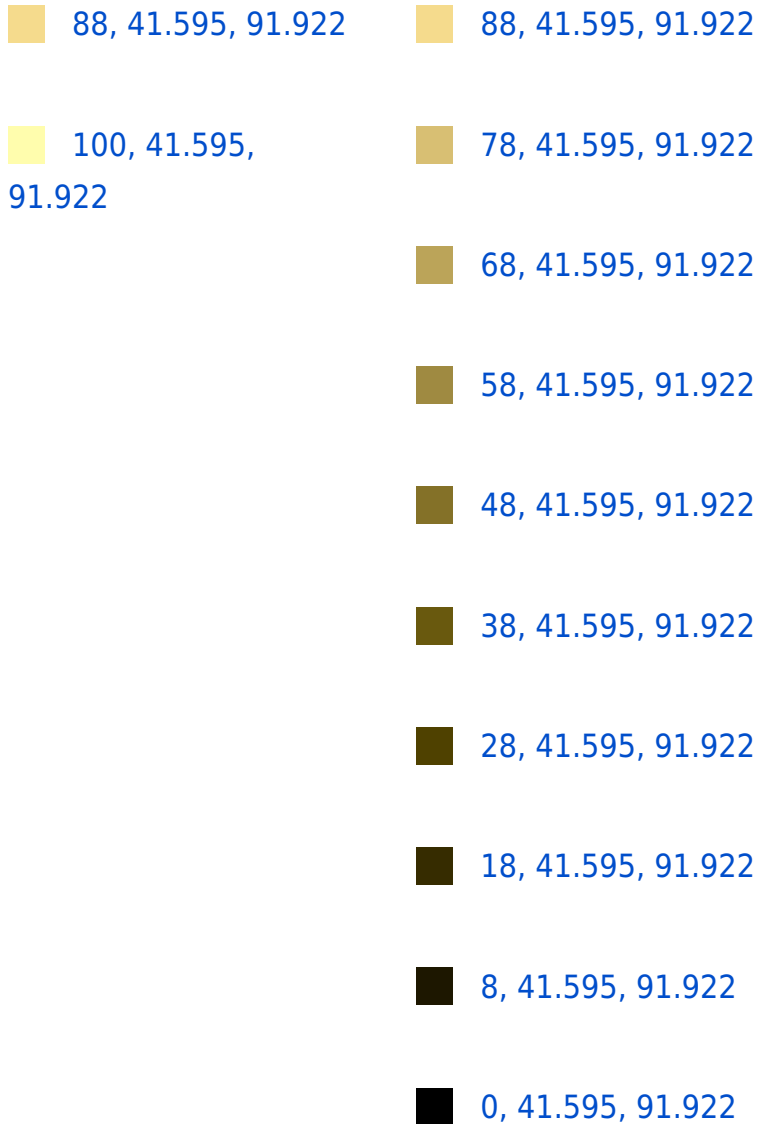
Magenta (14%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 41.595, 91.922 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, 41.595, 91.922 by changing the saturation by 10% instead.



88, 41.595, 91.922

88, 41.595, 91.922

86, 51.290, 90.591

90, 31.731, 93.231

84, 60.537, 89.219

92, 21.851, 94.503

83, 68.864, 87.789

94, 12.038, 95.733

81, 75.555, 86.250

96, 2.334, 96.856

79, 79.758, 84.506

98, 3.114, 259.444

78, 81.247, 83.014

99, 3.425, 199.382

Harmonies

Complementary

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



88, 41.595, 91.922



69, 43.108, 284.220

Rectangle

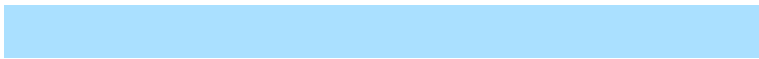
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88, 41.595, 91.922



88, 41.595, 141.922



88, 41.595, 271.922



88, 41.595, 321.922

Sweetspot

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



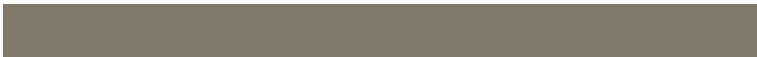
88, 41.596, 91.926



97, 13.001, 95.662



70, 42.465, 4.969



51, 9.111, 95.393



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, 41.596, 91.926



90, 51.545, 90.770



93, 53.025, 117.249



50, 5.485, 96.085



61, 66.177, 83.406



19, 27.139, 86.026

Inverse Universe

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



69, 43.108, 284.220



66, 54.180, 286.296



65, 58.445, 303.400



48, 5.527, 278.444



28, 87.119, 300.624



6, 32.692, 294.426

Previews

White Background



This preview shows how the CIELCh color 88, 41.595, 91.922 looks on a white background.

Color Contrast Check

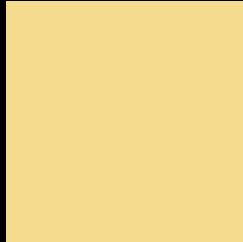
Large Text (above 18pt) WCAG AA × Fail

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, 41.595, 91.922 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, 41.595, 91.922

Background



This preview shows how black text looks on a background with the CIELCh color 88, 41.595, 91.922.

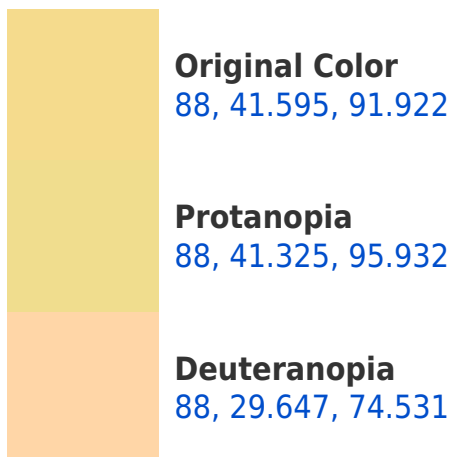


This preview shows how white text looks on a background with the CIELCh color 88, 41.595, 91.922.

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](#).

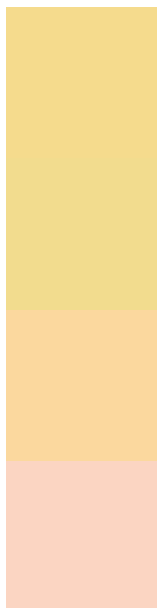
Dichromacy





Tritanopia
88, 18.379, 353.961

Trichromacy



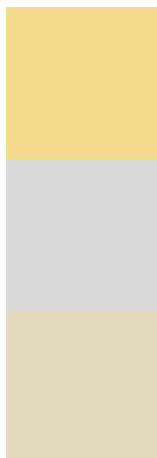
Original Color
88, 41.595, 91.922

Protanomaly
88, 41.139, 94.153

Deuteranomaly
88, 33.392, 82.596

Tritanomaly
88, 17.708, 53.925

Monochromacy



Original Color
88, 41.595, 91.922

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 15.057, 94.311

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 41.595, 91.922 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(245, 219, 141)` looks like.

```
.text, #text, p{  
    color:rgb(245, 219, 141)  
}
```

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(245, 219, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 219, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 41.595, 91.922 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(245, 219, 141) }
```

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

```
.border{ border-color:rgb(245, 219, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 219, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 219, 141); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 219, 141); box-shadow:4px 4px 4px 4px rgb(245, 219, 141) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 41.595, 91.922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 219, 141) }
```

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

```
.background{ background-color: rgb(245,  
219, 141) }
```

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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