

Converting Colors

CIELCh(88, 60.111, 91.701)

Have a look what the booklet for
CIELCh(88, 60.111, 91.701) contains.

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Color

CIELCh(88, 60.083, 91.730)

Conversions

Conversions Part 1

Format	Color
Hex	FCDB67
RGB	252, 219, 103
RGB Percent	99%, 86%, 40%
CMY	0.0133, 0.1426, 0.5974
CMYK	0.00, 0.13, 0.59, 0.01
HSL	47°, 96%, 69%
HSV	47°, 59%, 99%
XYZ	67.6678, 72.0653, 23.0832
YIQ	215.6430, 56.9040, -29.0800

Conversions

Conversions Part 2

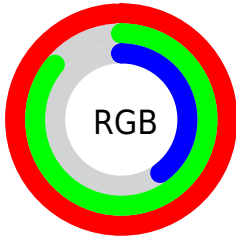
Format	Color
RYB	145, 252, 103
Decimal	16571239
CIELab	88.00, -1.81, 60.06
CIELCh	88, 60.083, 91.730
Yxy	72.0653, 0.4156, 0.4426
Android (android.graphics.Color)	4294761319 (0xFFFCDB67)
YUV	215.6430, -55.5330, 31.8851
Hunter-Lab	84.8913, -6.2754, 43.3020

Details

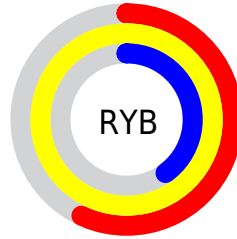
The CIELCh color **88, 60.083, 91.730** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **59, 65.508, 290.117**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 48.795, 106.446**, and **68, 59.852, 91.705** is the 20% darker color. If you saturate the color by 10%, you get **86, 68.952, 90.395**, and if you desaturate by 10%, it is **90, 50.370, 93.040**.

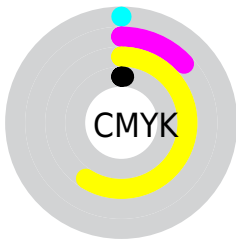
Distribution



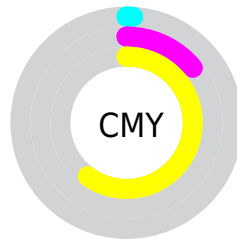
- Red (99%)
- Green (86%)
- Blue (40%)



- Red (57%)
- Yellow (99%)
- Blue (40%)



- Cyan (0%)
- Magenta (13%)
- Yellow (59%)
- Black (1%)



- Cyan (1%)
- Magenta (14%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 60.083, 91.730 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, 60.083, 91.730 by changing the saturation by 10% instead.

88, 60.083, 91.730

88, 60.083, 91.730

100, 60.083,
91.730

78, 60.083, 91.730

68, 60.083, 91.730

58, 60.083, 91.730

48, 60.083, 91.730

38, 60.083, 91.730

28, 60.083, 91.730

18, 60.083, 91.730

8, 60.083, 91.730

0, 60.083, 91.730

88, 60.083, 91.730

88, 60.083, 91.730

86, 68.952, 90.395

90, 50.370, 93.040

85, 76.316, 88.997

91, 40.238, 94.325

83, 81.338, 87.479

93, 29.941, 95.585

82, 83.566, 85.763

95, 19.620, 96.815

82, 83.696, 85.623

97, 9.353, 98.004

99, 0.820, 279.430

100, 1.180,
199.892

Harmonies

Complementary

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



88, 60.083, 91.730



59, 65.508, 290.117

Rectangle

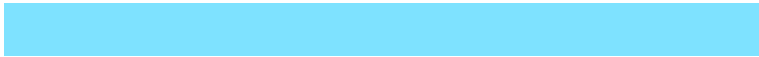
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88, 60.083, 91.730



88, 60.083, 141.730



88, 60.083, 271.730



88, 60.083, 321.730

Sweetspot

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



88, 60.083, 91.733



96, 18.584, 96.959



63, 60.593, 10.091



51, 12.930, 96.606



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, 60.083, 91.733



87, 71.171, 90.142



94, 73.577, 117.168



51, 5.748, 97.970



63, 67.526, 85.971



20, 28.879, 88.305

Inverse Universe

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



59, 65.508, 290.117



53, 80.997, 293.580



54, 85.105, 305.645



49, 5.806, 280.278



28, 91.238, 301.749



6, 35.282, 296.221

Previews

White Background



This preview shows how the CIELCh color 88, 60.083, 91.730 looks on a white background.

Color Contrast Check

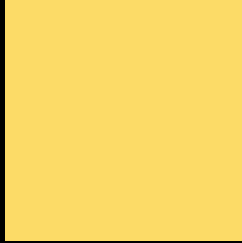
Large Text (above 18pt) WCAG AA × Fail

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, 60.083, 91.730 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, 60.083, 91.730

Background



This preview shows how black text looks on a background with the CIELCh color 88, 60.083, 91.730.

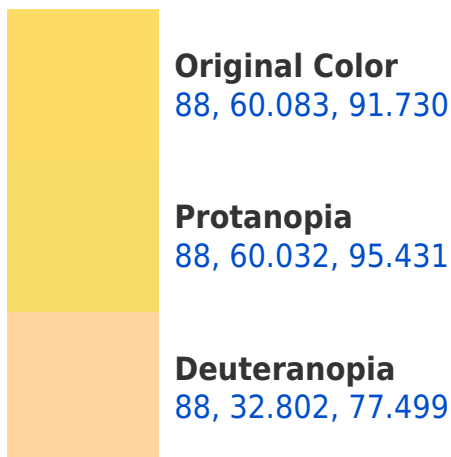


This preview shows how white text looks on a background with the CIELCh color 88, 60.083, 91.730.

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



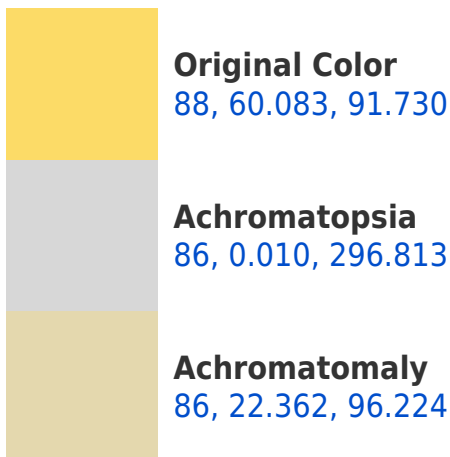


Tritanopia
88, 18.146, 358.997

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 60.083, 91.730 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(252, 219, 103)` looks like.

```
.text, #text, p{  
    color:rgb(252, 219, 103)  
}
```

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(252, 219, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 219, 103) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 60.083, 91.730 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(252, 219, 103) }
```

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

```
.border{ border-color:rgb(252, 219, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 219, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 219, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 219, 103);  
box-shadow:4px 4px 4px 4px rgb(252, 219,  
103) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 60.083, 91.730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 219, 103) }
```

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

```
.background{ background-color: rgb(252,  
219, 103) }
```

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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