

Converting Colors

CIELCh(87, 43.469, 82.530)

Have a look what the booklet for
CIELCh(87, 43.469, 82.530) contains.

CIELCh(87, 43.469, 82.530)	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(87, 43.469, 82.530)

Conversions

Conversions Part 1

Format	Color
Hex	FFD488
RGB	255, 212, 136
RGB Percent	100%, 83%, 53%
CMY	0.0007, 0.1692, 0.4673
CMYK	0.00, 0.17, 0.47, 0.00
HSL	38°, 100%, 77%
HSV	38°, 47%, 100%
XYZ	69.1124, 70.0064, 33.1057
YIQ	216.1930, 50.0240, -14.5200

Conversions

Conversions Part 2

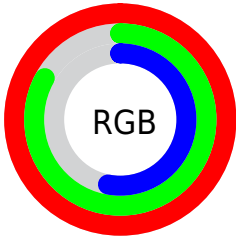
Format	Color
R_{YB}	203, 255, 136
Decimal	16766088
CIE _{Lab}	87.00, 5.65, 43.10
CIE _{LCh}	87, 43.469, 82.530
Yxy	70.0064, 0.4013, 0.4065
Android (android.graphics.Color)	4294956168 (0xFFFFD488)
YUV	216.1930, -39.5351, 34.0337
Hunter-Lab	83.6698, 1.0212, 35.1096

Details

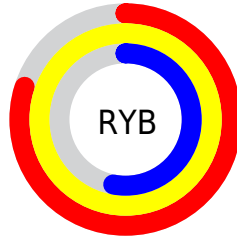
The CIELCh color **87, 43.469, 82.530** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **73, 42.426, 277.392**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 32.709, 107.688**, and **67, 43.318, 82.819** is the 20% darker color. If you saturate the color by 10%, you get **84, 53.087, 81.062**, and if you desaturate by 10%, it is **90, 33.834, 83.955**.

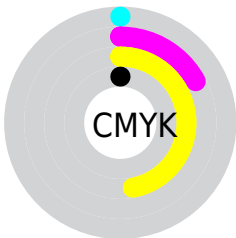
Distribution



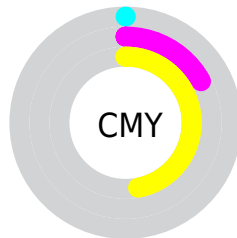
- Red (100%)
- Green (83%)
- Blue (53%)



- Red (80%)
- Yellow (100%)
- Blue (53%)



- Cyan (0%)
- Magenta (17%)
- Yellow (47%)
- Black (0%)



- Cyan (0%)
- Magenta (17%)
- Yellow (47%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 43.469, 82.530 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 87, 43.469, 82.530 by changing the saturation by 10% instead.

 87, 43.469, 82.530

 87, 43.469, 82.530

 100, 43.469,
82.530

 77, 43.469, 82.530

 67, 43.469, 82.530

 57, 43.469, 82.530

 47, 43.469, 82.530

 37, 43.469, 82.530

 27, 43.469, 82.530

 17, 43.469, 82.530

 7, 43.469, 82.530

 0, 43.469, 82.530

87, 43.469, 82.530

87, 43.469, 82.530

84, 53.087, 81.062

90, 33.834, 83.955

82, 62.392, 79.505

92, 24.329, 85.332

80, 70.839, 77.793

95, 15.023, 86.666

77, 77.562, 75.783

98, 5.940, 87.932

75, 81.567, 73.251

100, 0.060,
210.493

74, 82.491, 72.339

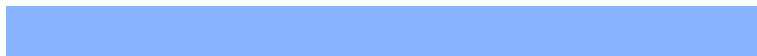
Harmonies

Complementary

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



87, 43.469, 82.530



73, 42.426, 277.392

Rectangle

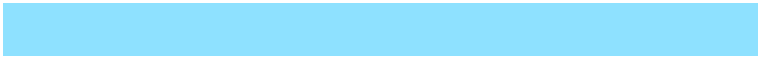
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87, 43.469, 82.530



87, 43.469, 132.530



87, 43.469, 262.530



87, 43.469, 312.530

Sweetspot

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



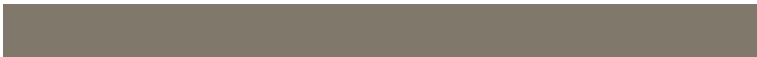
87, 43.469, 82.534



96, 12.565, 87.015



71, 49.860, 357.344



51, 8.699, 86.735



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



87, 43.469, 82.534



85, 52.459, 81.165



97, 58.964, 111.848



52, 5.072, 87.587



57, 66.458, 72.929



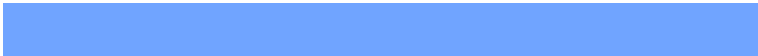
19, 27.752, 75.667

Inverse Universe

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



73, 42.426, 277.392



67, 51.257, 279.976



63, 66.642, 300.508



50, 5.054, 270.134



34, 75.469, 295.058



9, 30.272, 289.675

Previews

White Background



This preview shows how the CIELCh color 87, 43.469, 82.530 looks on a white background.

Color Contrast Check

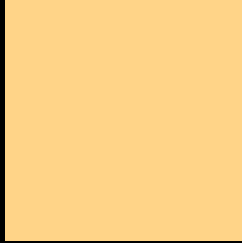
Large Text (above 18pt) WCAG AA × Fail

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 87, 43.469, 82.530 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 87, 43.469, 82.530

Background



This preview shows how black text looks on a background with the CIELCh color 87, 43.469, 82.530.



This preview shows how white text looks on a background with the CIELCh color 87, 43.469, 82.530.

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

87, 43.469, 82.530

Protanopia

87, 41.993, 95.393

Deuteranopia

87, 33.396, 74.668



Tritanopia
87, 19.607, 0.806

Trichromacy



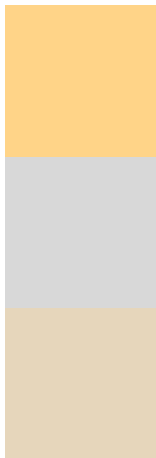
Original Color
87, 43.469, 82.530

Protanomaly
87, 42.416, 90.892

Deuteranomaly
87, 37.217, 78.446

Tritanomaly
87, 21.256, 48.115

Monochromacy



Original Color
87, 43.469, 82.530

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 15.377, 85.481

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 43.469, 82.530 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, 212, 136)` looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 136)  
}
```

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, 212, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 43.469, 82.530 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, 212, 136) }
```

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

```
.border{ border-color:rgb(255, 212, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 212, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 212, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 212, 136);  
box-shadow:4px 4px 4px 4px rgb(255, 212,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 43.469, 82.530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 212, 136) }
```

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

```
.background{ background-color: rgb(255,  
212, 136) }
```

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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