

Converting Colors

CIELCh(87, 47.353, 85.269)

Have a look what the booklet for
CIELCh(87, 47.353, 85.269) contains.

CIELCh(87, 47.272, 85.132)	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, 47.272, 85.132)

Conversions

Conversions Part 1

Format	Color
Hex	FED580
RGB	254, 213, 128
RGB Percent	100%, 84%, 50%
CMY	0.0051, 0.1658, 0.4991
CMYK	0.00, 0.16, 0.50, 0.01
HSL	40°, 98%, 75%
HSV	40°, 50%, 99%
XYZ	68.3590, 70.0064, 30.2377
YIQ	215.5690, 51.7210, -17.7430

Conversions

Conversions Part 2

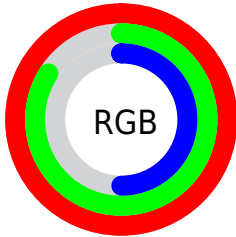
Format	Color
R _Y B	189, 254, 128
Decimal	16700800
CIE Lab	87.00, 4.01, 47.10
CIE LCh	87, 47.272, 85.132
Yxy	70.0064, 0.4054, 0.4152
Android (android.graphics.Color)	4294890880 (0xFFFE580)
YUV	215.5690, -43.1715, 33.7040
Hunter-Lab	83.6698, -0.5861, 37.1419

Details

The CIELCh color **87, 47.272, 85.132** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **69, 47.335, 280.925**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 36.662, 107.383**, and **67, 47.590, 85.462** is the 20% darker color. If you saturate the color by 10%, you get **85, 56.817, 83.667**, and if you desaturate by 10%, it is **89, 37.549, 86.551**.

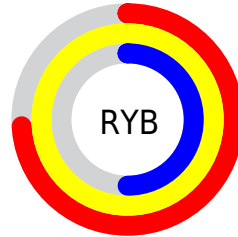
Distribution



Red (100%)

Green (84%)

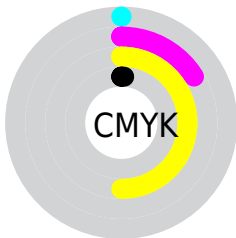
Blue (50%)



Red (74%)

Yellow (100%)

Blue (50%)

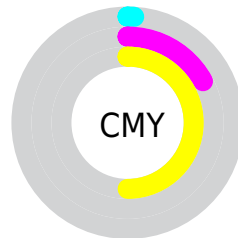


Cyan (0%)

Magenta (16%)

Yellow (50%)

Black (1%)



Cyan (1%)

Magenta (17%)

Yellow (50%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 47.272, 85.132 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, 47.272, 85.132 by changing the saturation by 10% instead.

 87, 47.272, 85.132

 87, 47.272, 85.132

 100, 47.272,
85.132

 77, 47.272, 85.132

 67, 47.272, 85.132

 57, 47.272, 85.132

 47, 47.272, 85.132

 37, 47.272, 85.132

 27, 47.272, 85.132

 17, 47.272, 85.132

 7, 47.272, 85.132

 0, 47.272, 85.132

87, 47.272, 85.132

87, 47.272, 85.132

85, 56.817, 83.667

89, 37.549, 86.551

82, 65.802, 82.109

92, 27.850, 87.923

80, 73.578, 80.388

94, 18.279, 89.252

78, 79.216, 78.363

97, 8.881, 90.529

76, 82.135, 75.892

100, 0.329,
272.664

76, 82.222, 75.804

100, 0.456,
200.831

Harmonies

Complementary

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



87, 47.272, 85.132



69, 47.335, 280.925

Rectangle

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



87, 47.272, 85.132



87, 47.272, 135.132



87, 47.272, 265.132



87, 47.272, 315.132

Sweetspot

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



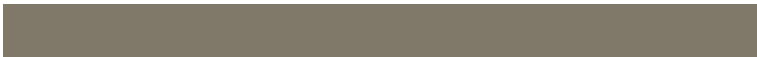
87, 47.272, 85.136



96, 13.943, 89.854



69, 52.194, 0.282



51, 9.534, 89.582



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, 47.272, 85.136



85, 57.382, 83.612



96, 62.394, 113.166



52, 5.253, 90.546



59, 66.511, 76.330



19, 28.204, 79.093

Inverse Universe

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



69, 47.335, 280.925



64, 58.070, 283.868



61, 71.004, 301.846



50, 5.256, 273.045



32, 79.993, 297.131



8, 32.094, 292.066

Previews

White Background



This preview shows how the CIELCh color 87, 47.272, 85.132 looks on a white background.

Color Contrast Check

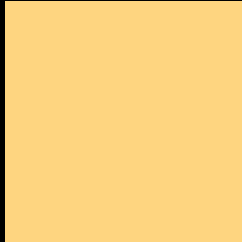
Large Text (above 18pt) WCAG AA × Fail

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, 47.272, 85.132 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, 47.272, 85.132

Background



This preview shows how black text looks on a background with the CIELCh color 87, 47.272, 85.132.



This preview shows how white text looks on a background with the CIELCh color 87, 47.272, 85.132.

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, 47.272, 85.132

Protanopia

87, 45.963, 95.422

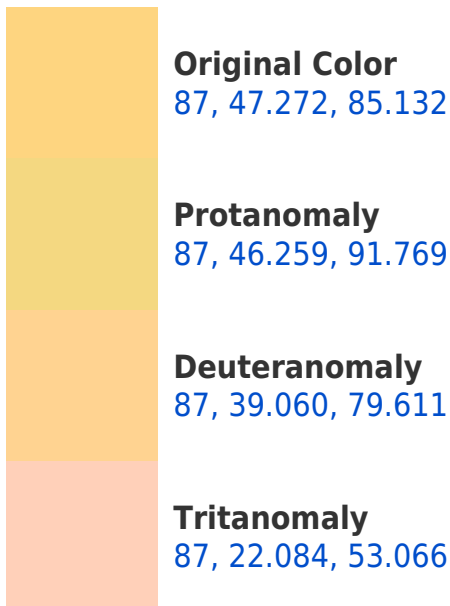
Deuteranopia

87, 34.292, 75.457



Tritanopia
87, 19.607, 0.806

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 47.272, 85.132 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(254, 213, 128)` looks like.

```
.text, #text, p{  
    color:rgb(254, 213, 128)  
}
```

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(254, 213, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 213, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 47.272, 85.132 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(254, 213, 128) }
```

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

```
.border{ border-color:rgb(254, 213, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 213, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 213, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 213, 128);  
box-shadow:4px 4px 4px 4px rgb(254, 213,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 47.272, 85.132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 213, 128) }
```

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

```
.background{ background-color: rgb(254,  
213, 128) }
```

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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