

Converting Colors

CIELCh(86, 45.875, 83.439)

Have a look what the booklet for
CIELCh(86, 45.875, 83.439) contains.

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Color

CIELCh(86, 45.914, 83.412)

Conversions

Conversions Part 1

Format	Color
Hex	FCD180
RGB	252, 209, 128
RGB Percent	99%, 82%, 50%
CMY	0.0110, 0.1796, 0.4973
CMYK	0.00, 0.17, 0.49, 0.01
HSL	39°, 96%, 75%
HSV	39°, 49%, 99%
XYZ	66.9703, 67.9871, 30.0757
YIQ	212.6230, 51.6290, -16.0750

Conversions

Conversions Part 2

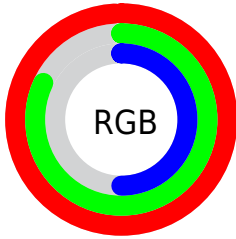
Format	Color
R_{YB}	194, 252, 128
Decimal	16568704
CIE _{Lab}	86.00, 5.27, 45.61
CIE _{LCh}	86, 45.914, 83.412
Yxy	67.9871, 0.4058, 0.4120
Android (android.graphics.Color)	4294758784 (0xFFFC _{D180})
YUV	212.6230, -41.7191, 34.5336
Hunter-Lab	82.4543, 0.6848, 36.0916

Details

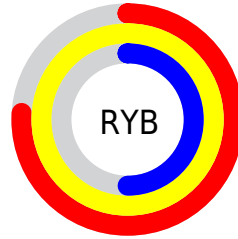
The CIELCh color $86, 45.914, 83.412$ is a light color, and the websafe version is hex FFCC66 . A complement of this color would be $70, 45.280, 279.180$, and the grayscale version is $85, 0.010, 296.813$.

A 20% lighter version of the original color is $98, 36.662, 107.383$, and $66, 45.795, 83.553$ is the 20% darker color. If you saturate the color by 10%, you get $84, 55.414, 81.934$, and if you desaturate by 10%, it is $89, 36.305, 84.842$.

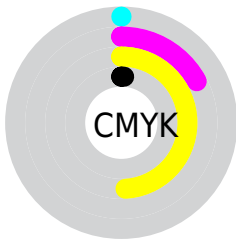
Distribution



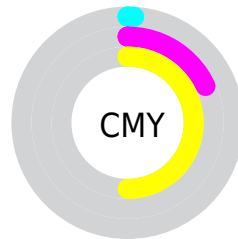
- Red (99%)
- Green (82%)
- Blue (50%)



- Red (76%)
- Yellow (99%)
- Blue (50%)



- Cyan (0%)
- Magenta (17%)
- Yellow (49%)
- Black (1%)



- Cyan (1%)
- Magenta (18%)
- Yellow (50%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 45.914, 83.412 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 86, 45.914, 83.412 by changing the saturation by 10% instead.

 86, 45.914, 83.412

 86, 45.914, 83.412

 100, 45.914,
83.412

 76, 45.914, 83.412

 66, 45.914, 83.412

 56, 45.914, 83.412

 46, 45.914, 83.412

 36, 45.914, 83.412

 26, 45.914, 83.412

 16, 45.914, 83.412

 6, 45.914, 83.412

 0, 45.914, 83.412

86, 45.914, 83.412

86, 45.914, 83.412

84, 55.414, 81.934

89, 36.305, 84.842

81, 64.451, 80.360

91, 26.769, 86.224

79, 72.403, 78.612

94, 17.396, 87.562

77, 78.347, 76.537

96, 8.223, 88.845

75, 81.583, 73.964

99, 0.741, 270.541

75, 81.807, 73.746

100, 0.974,
200.024

Harmonies

Complementary

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



86, 45.914, 83.412



70, 45.280, 279.180

Rectangle

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



86, 45.914, 83.412



86, 45.914, 133.412



86, 45.914, 263.412



86, 45.914, 313.412

Sweetspot

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



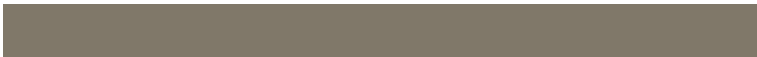
86, 45.914, 83.416



96, 13.662, 88.105



69, 51.718, 358.986



51, 9.344, 87.832



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



86, 45.914, 83.416



84, 55.747, 81.956



95, 61.440, 112.442



51, 5.058, 88.806



57, 65.785, 74.327



18, 26.773, 77.092

Inverse Universe

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



70, 45.280, 279.180



65, 55.288, 281.993



61, 69.921, 301.322



49, 5.049, 271.330



33, 76.453, 295.889



8, 29.947, 290.340

Previews

White Background



This preview shows how the CIELCh color 86, 45.914, 83.412 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 86, 45.914, 83.412 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 86, 45.914, 83.412

Background



This preview shows how black text looks on a background with the CIELCh color 86, 45.914, 83.412.



This preview shows how white text looks on a background with the CIELCh color 86, 45.914, 83.412.

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
86, 21.098, 2.404

Trichromacy



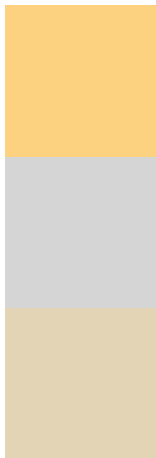
Original Color
86, 45.914, 83.412

Protanomaly
86, 44.924, 91.394

Deuteranomaly
86, 40.516, 79.043

Tritanomaly
86, 22.613, 49.389

Monochromacy



Original Color
86, 45.914, 83.412

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 16.726, 88.597

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 45.914, 83.412 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, 209, 128)` looks like.

```
.text, #text, p{  
    color:rgb(252, 209, 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(252, 209, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 209, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 45.914, 83.412 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, 209, 128) }
```

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

```
.border{ border-color:rgb(252, 209, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 209, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 209, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 209, 128);  
box-shadow:4px 4px 4px 4px rgb(252, 209,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 45.914, 83.412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 209, 128) }
```

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

```
.background{ background-color: rgb(252,  
209, 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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