

Converting Colors

CIELCh(100, 88.474, 53.722)

Have a look what the booklet for
CIELCh(100, 88.474, 53.722)
contains.

CIELCh(86, 52.220, 84.555)	3
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Color

CIELCh(86, 52.220, 84.555)

Conversions

Conversions Part 1

Format	Color
Hex	FED173
RGB	254, 209, 115
RGB Percent	100%, 82%, 45%
CMY	0.0037, 0.1799, 0.5483
CMYK	0.00, 0.18, 0.55, 0.00
HSL	41°, 99%, 72%
HSV	41°, 55%, 100%
XYZ	66.8293, 67.9871, 25.8732
YIQ	211.7390, 56.9940, -19.6940

Conversions

Conversions Part 2

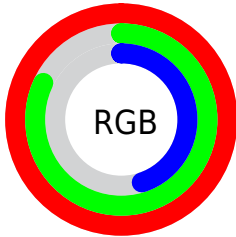
Format	Color
RYB	182, 254, 115
Decimal	16699763
CIELab	86.00, 4.96, 51.98
CIElCh	86, 52.220, 84.555
Yxy	67.9871, 0.4159, 0.4231
Android (android.graphics.Color)	4294889843 (0xFF FED173)
YUV	211.7390, -47.6923, 37.0629
Hunter-Lab	82.4543, 0.3795, 39.1135

Details

The CIELCh color **86, 52.220, 84.555** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **67, 52.579, 282.431**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 43.019, 106.892**, and **66, 52.276, 84.891** is the 20% darker color. If you saturate the color by 10%, you get **84, 61.556, 83.053**, and if you desaturate by 10%, it is **88, 42.537, 85.997**.

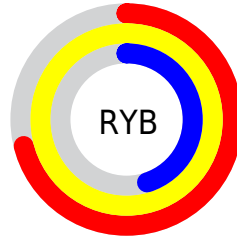
Distribution



Red (100%)

Green (82%)

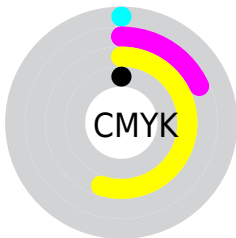
Blue (45%)



Red (71%)

Yellow (100%)

Blue (45%)

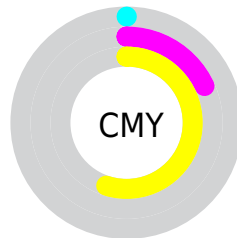


Cyan (0%)

Magenta (18%)

Yellow (55%)

Black (0%)



Cyan (0%)

Magenta (18%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 52.220, 84.555 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, 52.220, 84.555 by changing the saturation by 10% instead.

 86, 52.220, 84.555

 86, 52.220, 84.555

 100, 52.220,
84.555

 76, 52.220, 84.555

 66, 52.220, 84.555

 56, 52.220, 84.555

 46, 52.220, 84.555

 36, 52.220, 84.555

 26, 52.220, 84.555

 16, 52.220, 84.555

 6, 52.220, 84.555

 0, 52.220, 84.555

86, 52.220, 84.555

86, 52.220, 84.555

84, 61.556, 83.053

88, 42.537, 85.997

82, 70.037, 81.430

91, 32.789, 87.389

79, 76.860, 79.584

93, 23.122, 88.739

77, 81.061, 77.340

96, 13.609, 90.043

76, 82.321, 75.979

98, 4.277, 91.267

100, 0.329,
201.400

Harmonies

Complementary

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



86, 52.220, 84.555



67, 52.579, 282.431

Rectangle

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



86, 52.220, 84.555



86, 52.220, 134.555



86, 52.220, 264.555



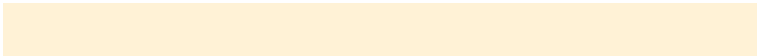
86, 52.220, 314.555

Sweetspot

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



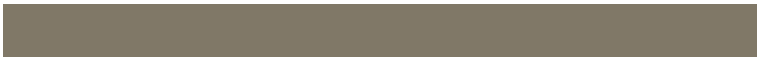
86, 52.220, 84.559



96, 14.915, 89.872



66, 57.296, 1.356



51, 10.091, 89.606



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



86, 52.220, 84.559



84, 62.942, 82.843



96, 68.111, 112.876



52, 5.262, 90.692



59, 66.521, 76.504



19, 28.230, 79.265

Inverse Universe

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



67, 52.579, 282.431



60, 64.495, 285.884



57, 78.878, 302.542



50, 5.266, 273.188



32, 80.223, 297.231



8, 32.188, 292.181

Previews

White Background



This preview shows how the CIELCh color 86, 52.220, 84.555 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, 52.220, 84.555 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, 52.220, 84.555

Background



This preview shows how black text looks on a background with the CIELCh color 86, 52.220, 84.555.



This preview shows how white text looks on a background with the CIELCh color 86, 52.220, 84.555.

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

86, 52.259, 84.525

Protanopia

86, 50.911, 95.408

Deuteranopia

86, 39.620, 77.154



Tritanopia
86, 21.098, 2.404

Trichromacy



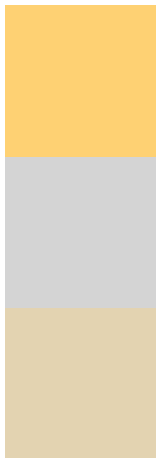
Original Color
86, 52.259, 84.525

Protanomaly
86, 51.316, 91.607

Deuteranomaly
86, 44.408, 80.485

Tritanomaly
86, 24.515, 53.900

Monochromacy



Original Color
86, 52.259, 84.525

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 18.856, 89.379

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 52.220, 84.555 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, 209, 115)` looks like.

```
.text, #text, p{  
    color:rgb(254, 209, 115)  
}
```

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, 209, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 209, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 52.220, 84.555 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, 209, 115) }
```

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

```
.border{ border-color:rgb(254, 209, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 209, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 209, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 209, 115);  
box-shadow:4px 4px 4px 4px rgb(254, 209,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 52.220, 84.555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 209, 115) }
```

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

```
.background{ background-color: rgb(254,  
209, 115) }
```

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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