

Converting Colors

CIELCh(86, 40.915, 79.613)

Have a look what the booklet for
CIELCh(86, 40.915, 79.613) contains.

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Color

CIELCh(86, 40.976, 79.307)

Conversions

Conversions Part 1

Format	Color
Hex	FED08B
RGB	254, 208, 139
RGB Percent	100%, 82%, 55%
CMY	0.0043, 0.1846, 0.4552
CMYK	0.00, 0.18, 0.45, 0.00
HSL	36°, 98%, 77%
HSV	36°, 45%, 100%
XYZ	68.0304, 67.9871, 33.9333
YIQ	213.8880, 49.5650, -11.7070

Conversions

Conversions Part 2

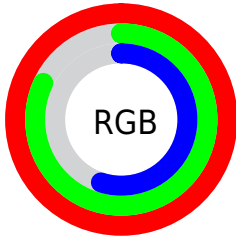
Format	Color
RYB	216, 254, 139
Decimal	16699531
CIELab	86.00, 7.60, 40.26
CIElCh	86, 40.976, 79.307
Yxy	67.9871, 0.4003, 0.4000
Android (android.graphics.Color)	4294889611 (0xFF FED08B)
YUV	213.8880, -36.9198, 35.1782
Hunter-Lab	82.4543, 2.9797, 33.3178

Details

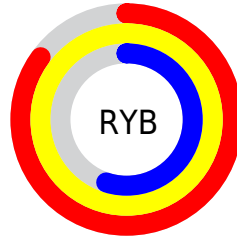
The CIELCh color $86, 40.976, 79.307$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $74, 38.929, 273.760$, and the grayscale version is $86, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 31.221, 107.803$, and $66, 40.805, 79.542$ is the 20% darker color. If you saturate the color by 10%, you get $83, 50.555, 77.850$, and if you desaturate by 10%, it is $89, 31.499, 80.725$.

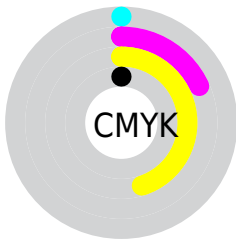
Distribution



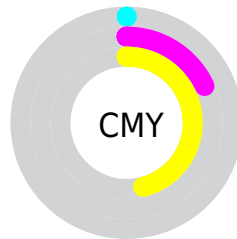
- Red (100%)
- Green (82%)
- Blue (55%)



- Red (85%)
- Yellow (100%)
- Blue (55%)



- Cyan (0%)
- Magenta (18%)
- Yellow (45%)
- Black (0%)



- Cyan (0%)
- Magenta (18%)
- Yellow (46%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 40.976, 79.307 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, 40.976, 79.307 by changing the saturation by 10% instead.

 86, 40.976, 79.307

 86, 40.976, 79.307

 100, 40.976,
79.307

 76, 40.976, 79.307

 66, 40.976, 79.307

 56, 40.976, 79.307

 46, 40.976, 79.307

 36, 40.976, 79.307

 26, 40.976, 79.307

 16, 40.976, 79.307

 6, 40.976, 79.307

 0, 40.976, 79.307

86, 40.976, 79.307

86, 40.976, 79.307

83, 50.555, 77.850

89, 31.499, 80.725

80, 59.992, 76.309

92, 22.237, 82.098

78, 68.814, 74.615

95, 13.235, 83.429

75, 76.206, 72.614

98, 4.501, 84.679

73, 81.101, 70.055

100, 0.379,
201.132

72, 82.644, 68.678

Harmonies

Complementary

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



86, 40.976, 79.307



74, 38.929, 273.760

Rectangle

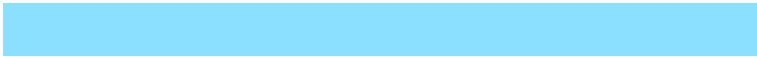
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86, 40.976, 79.307



86, 40.976, 129.307



86, 40.976, 259.307



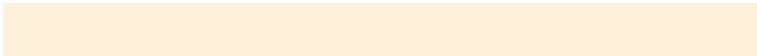
86, 40.976, 309.307

Sweetspot

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



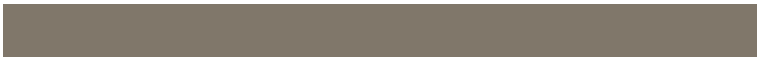
86, 40.976, 79.312



96, 12.138, 83.596



72, 48.883, 354.808



50, 8.409, 83.315



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, 40.976, 79.312



84, 49.496, 78.040



97, 56.993, 110.433



52, 4.894, 84.170



55, 66.705, 69.311



18, 27.382, 71.872

Inverse Universe

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



74, 38.929, 273.760



70, 46.717, 276.177



63, 64.256, 299.362



50, 4.854, 266.751



36, 70.578, 292.523



10, 28.354, 286.805

Previews

White Background



This preview shows how the CIELCh color 86, 40.976, 79.307 looks on a white background.

Color Contrast Check

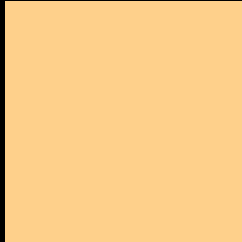
Large Text (above 18pt) WCAG AA × Fail

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, 40.976, 79.307 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, 40.976, 79.307

Background



This preview shows how black text looks on a background with the CIELCh color 86, 40.976, 79.307.



This preview shows how white text looks on a background with the CIELCh color 86, 40.976, 79.307.

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, 40.976, 79.307

Protanopia

86, 38.556, 95.310

Deuteranopia

86, 36.456, 74.860



Tritanopia
86, 21.098, 2.404

Trichromacy



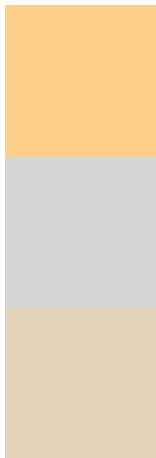
Original Color
86, 40.976, 79.307

Protanomaly
86, 38.804, 89.096

Deuteranomaly
86, 38.258, 76.225

Tritanomaly
86, 21.878, 44.439

Monochromacy



Original Color
86, 40.976, 79.307

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 14.613, 82.597

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 40.976, 79.307 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, 208, 139)` looks like.

```
.text, #text, p{  
    color:rgb(254, 208, 139)  
}
```

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, 208, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 208, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 40.976, 79.307 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, 208, 139) }
```

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

```
.border{ border-color:rgb(254, 208, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 208, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 208, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 208, 139);  
box-shadow:4px 4px 4px 4px rgb(254, 208,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 40.976, 79.307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 208, 139) }
```

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

```
.background{ background-color: rgb(254,  
208, 139) }
```

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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