

Converting Colors

CIELCh(86, 27.074, 77.076)

Have a look what the booklet for
CIELCh(86, 27.074, 77.076) contains.

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Color

CIELCh(86, 27.047, 77.093)

Conversions

Conversions Part 1

Format	Color
Hex	F5D2A6
RGB	245, 210, 166
RGB Percent	96%, 82%, 65%
CMY	0.0408, 0.1779, 0.3504
CMYK	0.00, 0.14, 0.32, 0.04
HSL	33°, 79%, 80%
HSV	33°, 32%, 96%
XYZ	67.3204, 67.9871, 45.4758
YIQ	215.4490, 34.9840, -6.2640

Conversions

Conversions Part 2

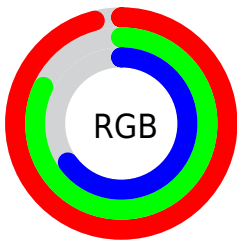
Format	Color
RYB	229, 245, 166
Decimal	16110246
CIELab	86.00, 6.04, 26.36
CIELCh	86, 27.047, 77.093
Yxy	67.9871, 0.3724, 0.3761
Android (android.graphics.Color)	4294300326 (0xFFFF5D2A6)
YUV	215.4490, -24.3784, 25.9162
Hunter-Lab	82.4543, 1.4425, 25.0180

Details

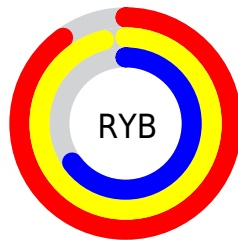
The CIELCh color $86, 27.047, 77.093$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $80, 25.497, 266.649$, and the grayscale version is $86, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 17.195, 108.877$, and $66, 27.108, 77.225$ is the 20% darker color. If you saturate the color by 10%, you get $83, 36.074, 75.730$, and if you desaturate by 10%, it is $89, 18.320, 78.437$.

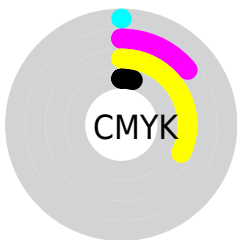
Distribution



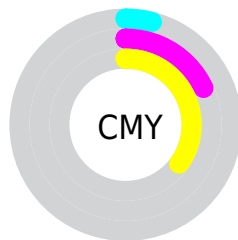
- Red (96%)
- Green (82%)
- Blue (65%)



- Red (90%)
- Yellow (96%)
- Blue (65%)



- Cyan (0%)
- Magenta (14%)
- Yellow (32%)
- Black (4%)



- Cyan (4%)
- Magenta (18%)
- Yellow (35%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 27.047, 77.093 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, 27.047, 77.093 by changing the saturation by 10% instead.

 86, 27.047, 77.093

 86, 27.047, 77.093

 100, 27.047,
77.093

 76, 27.047, 77.093

 66, 27.047, 77.093

 56, 27.047, 77.093

 46, 27.047, 77.093

 36, 27.047, 77.093

 26, 27.047, 77.093

 16, 27.047, 77.093

 6, 27.047, 77.093

 0, 27.047, 77.093

86, 27.047, 77.093

86, 27.047, 77.093

83, 36.074, 75.730

89, 18.320, 78.437

80, 45.334, 74.325

92, 9.908, 79.734

77, 54.665, 72.860

96, 1.801, 80.842

74, 63.720, 71.272

99, 3.056, 219.309

72, 71.846, 69.423

99, 3.593, 199.362

69, 78.018, 67.057

67, 81.162, 64.803

Harmonies

Complementary

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



86, 27.047, 77.093



80, 25.497, 266.649

Rectangle

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



86, 27.047, 77.093



86, 27.047, 127.093



86, 27.047, 257.093



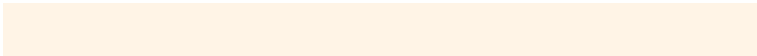
86, 27.047, 307.093

Sweetspot

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



86, 27.047, 77.100



97, 8.306, 80.018



77, 34.664, 349.699



51, 5.683, 79.842



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

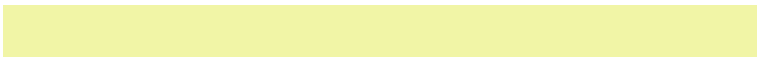
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86, 27.047, 77.100



87, 34.221, 76.171



95, 39.900, 109.256



50, 4.562, 80.084



52, 65.979, 65.472



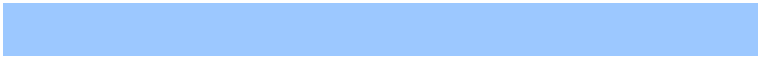
15, 24.763, 67.374

Inverse Universe

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



80, 25.497, 266.649



79, 31.828, 268.174



71, 43.223, 295.869



48, 4.499, 262.663



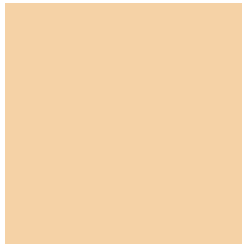
37, 63.772, 289.200



9, 24.529, 282.421

Previews

White Background



This preview shows how the CIELCh color 86, 27.047, 77.093 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, 27.047, 77.093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

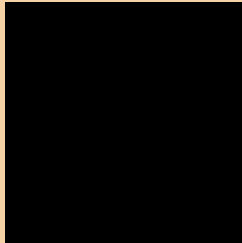
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 27.047, 77.093

Background



This preview shows how black text looks on a background with the CIELCh color 86, 27.047, 77.093.



This preview shows how white text looks on a background with the CIELCh color 86, 27.047, 77.093.

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, 27.047, 77.093

Protanopia

86, 25.088, 95.378

Deuteranopia

86, 28.275, 68.706

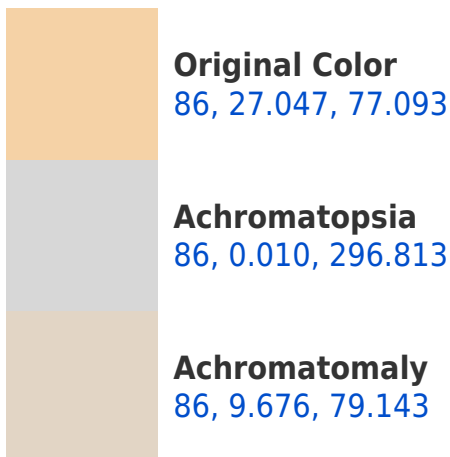


Tritanopia
86, 19.491, 355.616

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 27.047, 77.093 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(245, 210, 166)` looks like.

```
.text, #text, p{  
    color:rgb(245, 210, 166)  
}
```

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(245, 210, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 210, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 27.047, 77.093 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(245, 210, 166) }
```

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

```
.border{ border-color:rgb(245, 210, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 210, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 210, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 210, 166);  
box-shadow:4px 4px 4px 4px rgb(245, 210,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 27.047, 77.093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 210, 166) }
```

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

```
.background{ background-color: rgb(245,  
210, 166) }
```

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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