

Converting Colors

CIELCh(86, 27.752, 74.961)

Have a look what the booklet for
CIELCh(86, 27.752, 74.961) contains.

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Color

CIELCh(86, 27.752, 74.961)

Conversions

Conversions Part 1

Format	Color
Hex	F7D1A5
RGB	247, 209, 165
RGB Percent	97%, 82%, 65%
CMY	0.0320, 0.1809, 0.3535
CMYK	0.00, 0.15, 0.33, 0.03
HSL	32°, 83%, 81%
HSV	32°, 33%, 97%
XYZ	67.8472, 67.9871, 45.0774
YIQ	215.3460, 36.7720, -5.6280

Conversions

Conversions Part 2

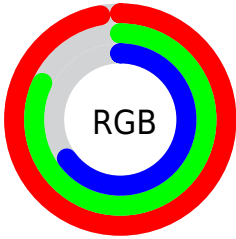
Format	Color
RYB	236, 247, 165
Decimal	16241061
CIELab	86.00, 7.20, 26.80
CIElCh	86, 27.752, 74.961
Yxy	67.9871, 0.3750, 0.3758
Android (android.graphics.Color)	4294431141 (0xFFFF7D1A5)
YUV	215.3460, -24.8206, 27.7606
Hunter-Lab	82.4543, 2.5829, 25.3044

Details

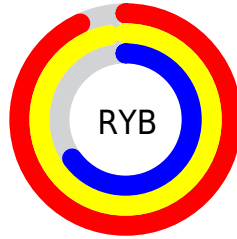
The CIELCh color $86, 27.752, 74.961$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $80, 25.814, 264.787$, and the grayscale version is $86, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 17.699, 108.839$, and $66, 27.624, 75.675$ is the 20% darker color. If you saturate the color by 10%, you get $83, 36.839, 73.621$, and if you desaturate by 10%, it is $89, 18.999, 76.288$.

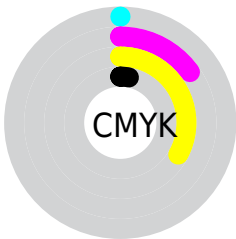
Distribution



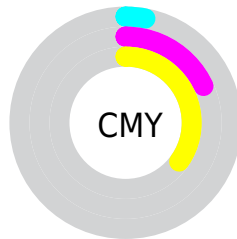
- Red (97%)
- Green (82%)
- Blue (65%)



- Red (93%)
- Yellow (97%)
- Blue (65%)



- Cyan (0%)
- Magenta (15%)
- Yellow (33%)
- Black (3%)



- Cyan (3%)
- Magenta (18%)
- Yellow (35%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 27.752, 74.961 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, 27.752, 74.961 by changing the saturation by 10% instead.

 86, 27.752, 74.961

 86, 27.752, 74.961

 100, 27.752,
74.961

 76, 27.752, 74.961

 66, 27.752, 74.961

 56, 27.752, 74.961

 46, 27.752, 74.961

 36, 27.752, 74.961

 26, 27.752, 74.961

 16, 27.752, 74.961

 6, 27.752, 74.961

 0, 27.752, 74.961

86, 27.752, 74.961

86, 27.752, 74.961

83, 36.839, 73.621

89, 18.999, 76.288

80, 46.194, 72.243

93, 10.593, 77.574

77, 55.653, 70.807

96, 2.518, 78.725

74, 64.857, 69.242

99, 2.692, 203.715

71, 73.120, 67.393

99, 2.823, 199.461

68, 79.366, 64.976

67, 82.280, 62.973

Harmonies

Complementary

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



86, 27.752, 74.961



80, 25.814, 264.787

Rectangle

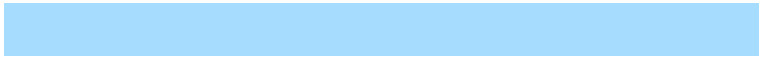
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86, 27.752, 74.961



86, 27.752, 124.961



86, 27.752, 254.961



86, 27.752, 304.961

Sweetspot

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



86, 27.752, 74.968



96, 8.176, 77.972



77, 36.268, 348.805



51, 5.595, 77.798



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, 27.752, 74.968



86, 34.795, 74.047



95, 41.301, 108.432



49, 4.490, 78.037



51, 66.388, 63.675



15, 24.685, 65.253

Inverse Universe

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



80, 25.814, 264.787



79, 31.840, 266.355



71, 44.877, 295.481



49, 4.415, 260.606



38, 61.323, 287.487



10, 23.661, 280.520

Previews

White Background



This preview shows how the CIE LCh color 86, 27.752, 74.961 looks on a white background.

Color Contrast Check

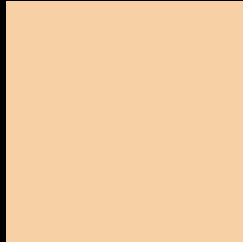
Large Text (above 18pt) WCAG AA × Fail

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, 27.752, 74.961 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, 27.752, 74.961

Background



This preview shows how black text looks on a background with the CIELCh color 86, 27.752, 74.961.



This preview shows how white text looks on a background with the CIELCh color 86, 27.752, 74.961.

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, 27.752, 74.961

Protanopia

86, 25.088, 95.378

Deuteranopia

86, 28.967, 68.681

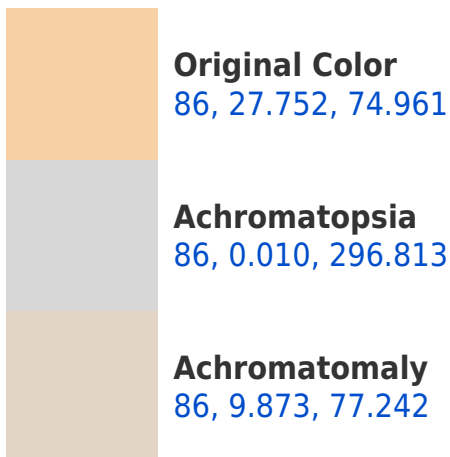


Tritanopia
86, 20.329, 358.439

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 27.752, 74.961 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(247, 209, 165)` looks like.

```
.text, #text, p{  
    color:rgb(247, 209, 165)  
}
```

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(247, 209, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 209, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 27.752, 74.961 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(247, 209, 165) }
```

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

```
.border{ border-color:rgb(247, 209, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 209, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 209, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 209, 165); box-shadow:4px 4px 4px 4px rgb(247, 209, 165) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 27.752, 74.961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 209, 165) }
```

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

```
.background{ background-color: rgb(247,  
209, 165) }
```

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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