

Converting Colors

CIELCh(86, 32.055, 72.250)

Have a look what the booklet for
CIELCh(86, 32.055, 72.250) contains.

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Color

CIELCh(86, 31.973, 72.296)

Conversions

Conversions Part 1

Format	Color
Hex	FDCF9E
RGB	253, 207, 158
RGB Percent	99%, 81%, 62%
CMY	0.0078, 0.1882, 0.3803
CMYK	0.00, 0.18, 0.38, 0.01
HSL	31°, 96%, 81%
HSV	31°, 38%, 99%
XYZ	69.0024, 67.9871, 41.8401
YIQ	215.1680, 43.1450, -5.4870

Conversions

Conversions Part 2

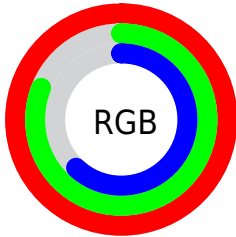
Format	Color
RYB	247, 253, 158
Decimal	16633758
CIELab	86.00, 9.72, 30.46
CIELCh	86, 31.973, 72.296
Yxy	67.9871, 0.3859, 0.3802
Android (android.graphics.Color)	4294823838 (0xFFFD9E)
YUV	215.1680, -28.1838, 33.1787
Hunter-Lab	82.4543, 5.0839, 27.6322

Details

The CIELCh color $86, 31.973, 72.296$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $80, 29.023, 263.570$, and the grayscale version is $86, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 21.222, 108.570$, and $66, 32.123, 72.538$ is the 20% darker color. If you saturate the color by 10%, you get $83, 41.371, 70.981$, and if you desaturate by 10%, it is $89, 22.936, 73.604$.

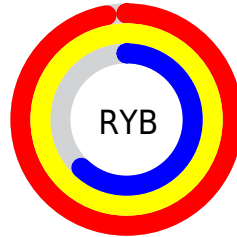
Distribution



Red (99%)

Green (81%)

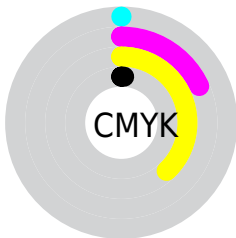
Blue (62%)



Red (97%)

Yellow (99%)

Blue (62%)

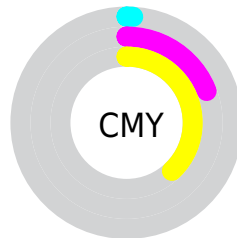


Cyan (0%)

Magenta (18%)

Yellow (38%)

Black (1%)



Cyan (1%)

Magenta (19%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 31.973, 72.296 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, 31.973, 72.296 by changing the saturation by 10% instead.

86, 31.973, 72.296

86, 31.973, 72.296

100, 31.973,
72.296

76, 31.973, 72.296

66, 31.973, 72.296

56, 31.973, 72.296

46, 31.973, 72.296

36, 31.973, 72.296

26, 31.973, 72.296

16, 31.973, 72.296

6, 31.973, 72.296

0, 31.973, 72.296

86, 31.973, 72.296

86, 31.973, 72.296

83, 41.371, 70.981

89, 22.936, 73.604

79, 51.037, 69.627

93, 14.283, 74.883

76, 60.742, 68.199

97, 6.006, 76.110

73, 70.005, 66.590

100, 0.690,
200.322

71, 77.939, 64.581

68, 83.390, 61.836

67, 84.518, 61.126

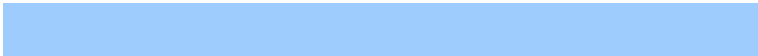
Harmonies

Complementary

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



86, 31.973, 72.296



80, 29.023, 263.570

Rectangle

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



86, 31.973, 72.296



86, 31.973, 122.296



86, 31.973, 252.296



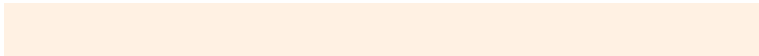
86, 31.973, 302.296

Sweetspot

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



86, 31.973, 72.302



96, 8.879, 75.697



76, 42.615, 347.373



51, 5.984, 75.531



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, 31.973, 72.302



84, 39.196, 71.317



97, 47.416, 106.531



51, 4.574, 75.878



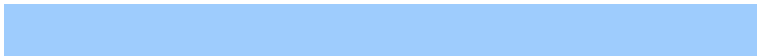
52, 68.261, 61.815



16, 27.012, 63.415

Inverse Universe

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



80, 29.023, 263.570



77, 34.839, 265.426



69, 52.239, 295.183



50, 4.483, 258.436



40, 60.182, 285.704



12, 24.422, 279.276

Previews

White Background



This preview shows how the CIELCh color 86, 31.973, 72.296 looks on a white background.

Color Contrast Check

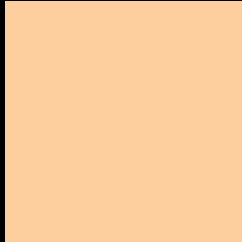
Large Text (above 18pt) WCAG AA × Fail

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, 31.973, 72.296 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

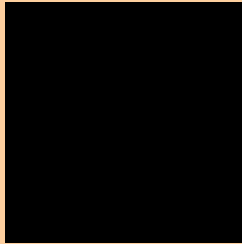
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 31.973, 72.296

Background



This preview shows how black text looks on a background with the CIELCh color 86, 31.973, 72.296.



This preview shows how white text looks on a background with the CIELCh color 86, 31.973, 72.296.

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, 31.973, 72.296

Protanopia

86, 28.298, 94.814

Deuteranopia

86, 32.354, 70.098



Tritanopia
86, 21.238, 1.054

Trichromacy



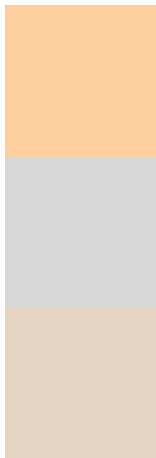
Original Color
86, 31.973, 72.296

Protanomaly
86, 28.783, 85.815

Deuteranomaly
86, 32.089, 70.659

Tritanomaly
86, 20.219, 34.134

Monochromacy



Original Color
86, 31.973, 72.296

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 11.403, 75.015

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 31.973, 72.296 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(253, 207, 158)` looks like.

```
.text, #text, p{  
    color:rgb(253, 207, 158)  
}
```

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(253, 207, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 207, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 31.973, 72.296 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(253, 207, 158) }
```

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

```
.border{ border-color:rgb(253, 207, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 207, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(253, 207, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(253, 207, 158); box-shadow:4px 4px 4px 4px rgb(253, 207, 158) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 31.973, 72.296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 207, 158) }
```

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

```
.background{ background-color: rgb(253,  
207, 158) }
```

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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