

Converting Colors

CIELCh(87, 38.722, 74.991)

Have a look what the booklet for
CIELCh(87, 38.722, 74.991) contains.

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Color

CIELCh(86, 37.728, 77.323)

Conversions

Conversions Part 1

Format	Color
Hex	FED092
RGB	254, 208, 146
RGB Percent	100%, 82%, 57%
CMY	0.0057, 0.1857, 0.4286
CMYK	0.00, 0.18, 0.43, 0.01
HSL	34°, 97%, 78%
HSV	34°, 43%, 99%
XYZ	68.3396, 67.9871, 36.5947
YIQ	214.6860, 47.3180, -9.5300

Conversions

Conversions Part 2

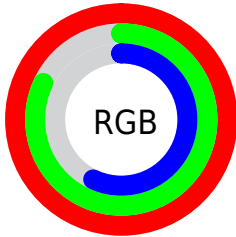
Format	Color
R _Y B	226, 254, 146
Decimal	16699538
CIE Lab	86.00, 8.28, 36.81
CIE LCh	86, 37.728, 77.323
Yxy	67.9871, 0.3952, 0.3932
Android (android.graphics.Color)	4294889618 (0xFF FED092)
YUV	214.6860, -33.8622, 34.4784
Hunter-Lab	82.4543, 3.6491, 31.4040

Details

The CIELCh color **86, 37.728, 77.323** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **77, 35.298, 270.705**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 27.235, 108.110**, and **66, 37.952, 77.938** is the 20% darker color. If you saturate the color by 10%, you get **83, 47.269, 75.899**, and if you desaturate by 10%, it is **89, 28.386, 78.717**.

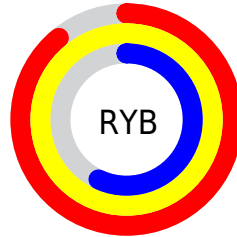
Distribution



Red (100%)

Green (82%)

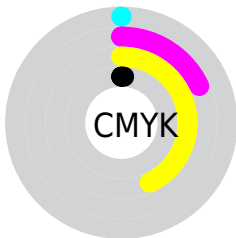
Blue (57%)



Red (89%)

Yellow (100%)

Blue (57%)

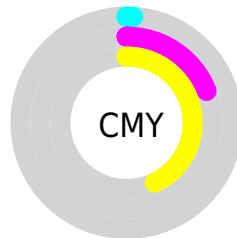


Cyan (0%)

Magenta (18%)

Yellow (43%)

Black (1%)



Cyan (1%)

Magenta (19%)

Yellow (43%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 37.728, 77.323 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, 37.728, 77.323 by changing the saturation by 10% instead.

 86, 37.728, 77.323

 86, 37.728, 77.323

 100, 37.728,
77.323

 76, 37.728, 77.323

 66, 37.728, 77.323

 56, 37.728, 77.323

 46, 37.728, 77.323

 36, 37.728, 77.323

 26, 37.728, 77.323

 16, 37.728, 77.323

 6, 37.728, 77.323

 0, 37.728, 77.323

86, 37.728, 77.323

86, 37.728, 77.323

83, 47.269, 75.899

89, 28.386, 78.717

80, 56.826, 74.405

92, 19.322, 80.070

77, 66.019, 72.783

95, 10.558, 81.380

75, 74.150, 70.896

99, 2.089, 82.525

72, 80.161, 68.496

100, 0.506,
200.683

70, 83.017, 66.298

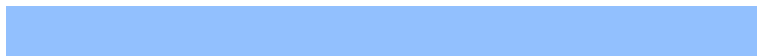
Harmonies

Complementary

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



86, 37.728, 77.323



77, 35.298, 270.705

Rectangle

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



86, 37.728, 77.323



86, 37.728, 127.323



86, 37.728, 257.323



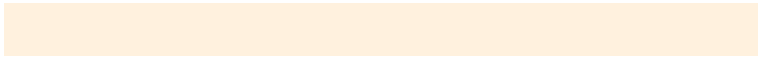
86, 37.728, 307.323

Sweetspot

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



86, 37.728, 77.328



96, 11.012, 81.319



73, 46.607, 352.166



50, 7.736, 81.034



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, 37.728, 77.328



84, 46.015, 76.119



97, 53.567, 109.126



52, 4.786, 81.762



54, 67.039, 66.955



17, 27.204, 69.307

Inverse Universe

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



77, 35.298, 270.705



72, 42.539, 272.981



65, 59.927, 297.978



50, 4.731, 264.353



37, 67.349, 290.644



10, 27.113, 284.707

Previews

White Background



This preview shows how the CIELCh color 86, 37.728, 77.323 looks on a white background.

Color Contrast Check

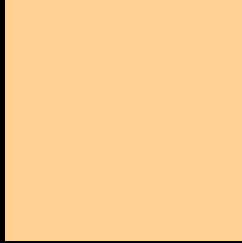
Large Text (above 18pt) WCAG AA × Fail

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, 37.728, 77.323 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, 37.728, 77.323

Background



This preview shows how black text looks on a background with the CIELCh color 86, 37.728, 77.323.



This preview shows how white text looks on a background with the CIELCh color 86, 37.728, 77.323.

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, 37.766, 77.300

Protanopia

86, 34.992, 95.209

Deuteranopia

86, 35.118, 73.730



Tritanopia
86, 21.098, 2.404

Trichromacy



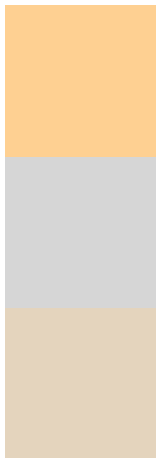
Original Color
86, 37.766, 77.300

Protanomaly
86, 35.259, 88.418

Deuteranomaly
86, 35.769, 75.035

Tritanomaly
86, 21.188, 40.776

Monochromacy



Original Color
86, 37.766, 77.300

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 13.492, 82.250

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 37.728, 77.323 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, 146)` looks like.

```
.text, #text, p{  
    color:rgb(254, 208, 146)  
}
```

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, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 208, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 37.728, 77.323 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, 146) }
```

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

```
.border{ border-color:rgb(254, 208, 146) }
```

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, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 208, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 208, 146);  
box-shadow:4px 4px 4px 4px rgb(254, 208,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 37.728, 77.323 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, 146) }
```

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

```
.background{ background-color: rgb(254,  
208, 146) }
```

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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