

Converting Colors

CIELCh(88, 36.693, 82.352)

Have a look what the booklet for
CIELCh(88, 36.693, 82.352) contains.

| | |
|--|----|
| CIELCh(88, 36.526, 81.623) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 20 |
| <i>Color Blindness Simulation</i> | 23 |
| <i>CSS Examples</i> | 26 |

Color

CIELCh(88, 36.526, 81.623)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FED798 |
| RGB | 254, 215, 152 |
| RGB Percent | 100%, 84%, 60% |
| CMY | 0.0032, 0.1562, 0.4033 |
| CMYK | 0.00, 0.15, 0.40, 0.00 |
| HSL | 37°, 98%, 80% |
| HSV | 37°, 40%, 100% |
| XYZ | 70.9642, 72.0653, 39.9451 |
| YIQ | 219.4790, 43.4670, -11.3250 |

Conversions

Conversions Part 2

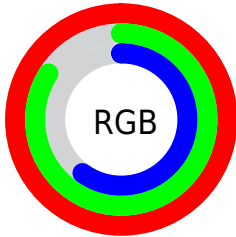
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 215, 254, 152 |
| Decimal | 16701336 |
| CIE Lab | 88.00, 5.32, 36.14 |
| CIE LCh | 88, 36.526, 81.623 |
| Yxy | 72.0653, 0.3878, 0.3939 |
| Android (android.graphics.Color) | 4294891416 (0xFFFE798) |
| YUV | 219.4790, -33.2671, 30.2749 |
| Hunter-Lab | 84.8913, 0.6560, 31.5254 |

Details

The CIELCh color **88, 36.526, 81.623** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **77, 35.266, 274.019**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 24.233, 108.340**, and **68, 36.577, 81.115** is the 20% darker color. If you saturate the color by 10%, you get **85, 46.113, 80.190**, and if you desaturate by 10%, it is **91, 27.076, 83.023**.

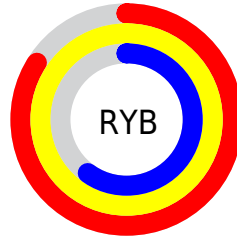
Distribution



Red (100%)

Green (84%)

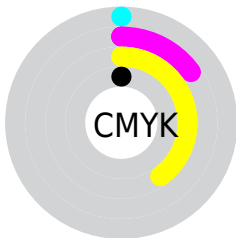
Blue (60%)



Red (84%)

Yellow (100%)

Blue (60%)

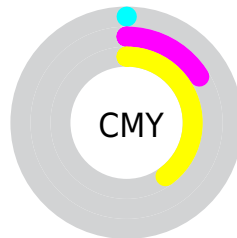


Cyan (0%)

Magenta (15%)

Yellow (40%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 36.526, 81.623 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 88, 36.526, 81.623 by changing the saturation by 10% instead.

 88, 36.526, 81.623

 88, 36.526, 81.623

 100, 36.526,
81.623

 78, 36.526, 81.623

 68, 36.526, 81.623

 58, 36.526, 81.623

 48, 36.526, 81.623

 38, 36.526, 81.623

 28, 36.526, 81.623

 18, 36.526, 81.623

 8, 36.526, 81.623

 0, 36.526, 81.623

88, 36.526, 81.623

88, 36.526, 81.623

85, 46.113, 80.190

91, 27.076, 83.023

83, 55.656, 78.691

94, 17.841, 84.376

80, 64.805, 77.085

97, 8.850, 85.677

78, 72.919, 75.273

100, 0.107, 83.894

75, 79.028, 73.063

100, 0.284,
201.721

73, 82.490, 70.336

Harmonies

Complementary

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



88, 36.526, 81.623



77, 35.266, 274.019

Rectangle

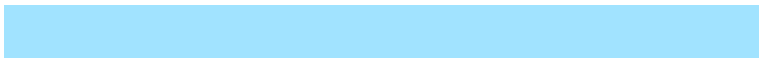
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88, 36.526, 81.623



88, 36.526, 131.623



88, 36.526, 261.623



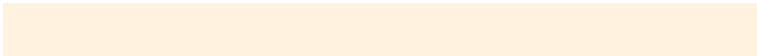
88, 36.526, 311.623

Sweetspot

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



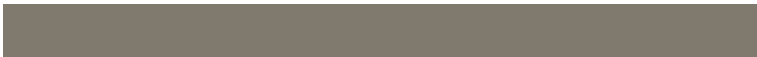
88, 36.527, 81.628



96, 10.535, 85.440



74, 43.104, 355.093



51, 7.001, 85.272



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



88, 36.527, 81.628



86, 44.176, 80.500



97, 50.963, 111.571



52, 4.973, 85.756



56, 66.554, 70.950



18, 27.535, 73.611

Inverse Universe

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



77, 35.266, 274.019



73, 42.444, 276.001



68, 56.435, 299.083



50, 4.943, 268.324



35, 72.803, 293.718



9, 29.220, 288.153

Previews

White Background



This preview shows how the CIELCh color 88, 36.526, 81.623 looks on a white background.

Color Contrast Check

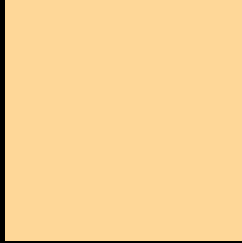
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 88, 36.526, 81.623 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 88, 36.526, 81.623

Background



This preview shows how black text looks on a background with the CIELCh color 88, 36.526, 81.623.



This preview shows how white text looks on a background with the CIELCh color 88, 36.526, 81.623.

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

88, 36.526, 81.623

Protanopia

88, 35.234, 96.072

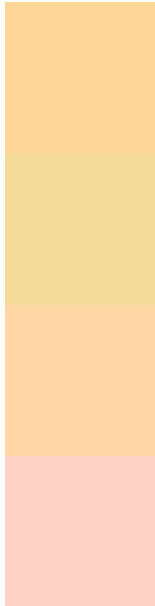
Deuteranopia

88, 27.887, 72.500



Tritanopia
88, 18.146, 358.997

Trichromacy



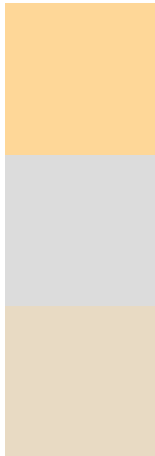
Original Color
88, 36.526, 81.623

Protanomaly
88, 35.626, 90.809

Deuteranomaly
88, 30.989, 75.886

Tritanomaly
88, 18.430, 43.587

Monochromacy



Original Color
88, 36.526, 81.623

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 13.087, 85.289

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 36.526, 81.623 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, 215, 152)` looks like.

```
.text, #text, p{  
    color:rgb(254, 215, 152)  
}
```

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, 215, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 215, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 36.526, 81.623 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, 215, 152) }
```

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

```
.border{ border-color:rgb(254, 215, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 215, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 215, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 215, 152);  
box-shadow:4px 4px 4px 4px rgb(254, 215,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 36.526, 81.623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 215, 152) }
```

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

```
.background{ background-color: rgb(254,  
215, 152) }
```

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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