

Converting Colors

CIELCh(87, 35.375, 78.631)

Have a look what the booklet for
CIELCh(87, 35.375, 78.631) contains.

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Color

CIELCh(87, 35.410, 78.611)

Conversions

Conversions Part 1

Format	Color
Hex	FDD398
RGB	253, 211, 152
RGB Percent	99%, 83%, 60%
CMY	0.0063, 0.1711, 0.4025
CMYK	0.00, 0.17, 0.40, 0.01
HSL	35°, 97%, 80%
HSV	35°, 40%, 99%
XYZ	69.7327, 70.0064, 39.6940
YIQ	216.8320, 43.9710, -9.4450

Conversions

Conversions Part 2

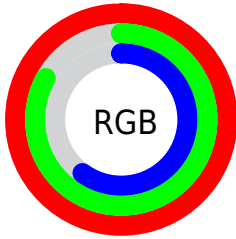
Format	Color
RYB	224, 253, 152
Decimal	16634776
CIELab	87.00, 6.99, 34.71
CIELCh	87, 35.410, 78.611
Yxy	70.0064, 0.3886, 0.3902
Android (android.graphics.Color)	4294824856 (0xFFFDD398)
YUV	216.8320, -31.9622, 31.7193
Hunter-Lab	83.6698, 2.3445, 30.4410

Details

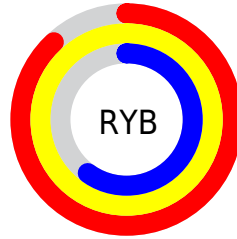
The CIELCh color **87, 35.410, 78.611** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **78, 33.482, 270.969**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 24.233, 108.340**, and **67, 35.690, 78.920** is the 20% darker color. If you saturate the color by 10%, you get **84, 44.917, 77.192**, and if you desaturate by 10%, it is **90, 26.111, 80.002**.

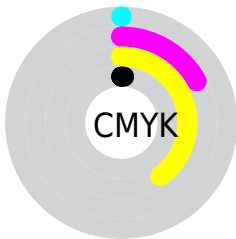
Distribution



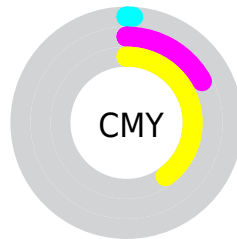
- Red (99%)
- Green (83%)
- Blue (60%)



- Red (88%)
- Yellow (99%)
- Blue (60%)



- Cyan (0%)
- Magenta (17%)
- Yellow (40%)
- Black (1%)



- Cyan (1%)
- Magenta (17%)
- Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 35.410, 78.611 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 87, 35.410, 78.611 by changing the saturation by 10% instead.

 87, 35.410, 78.611

 87, 35.410, 78.611

 100, 35.410,
78.611

 77, 35.410, 78.611

 67, 35.410, 78.611

 57, 35.410, 78.611

 47, 35.410, 78.611

 37, 35.410, 78.611

 27, 35.410, 78.611

 17, 35.410, 78.611

 7, 35.410, 78.611

 0, 35.410, 78.611

87, 35.410, 78.611

87, 35.410, 78.611

84, 44.917, 77.192

90, 26.111, 80.002

81, 54.476, 75.710

93, 17.084, 81.349

78, 63.766, 74.122

96, 8.344, 82.645

76, 72.179, 72.317

99, 0.115, 267.117

73, 78.741, 70.086

100, 0.559,
200.555

71, 82.737, 67.235

71, 82.783, 67.199

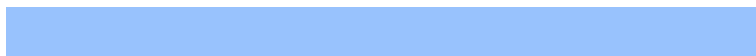
Harmonies

Complementary

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



87, 35.410, 78.611



78, 33.482, 270.969

Rectangle

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



87, 35.410, 78.611



87, 35.410, 128.611



87, 35.410, 258.611



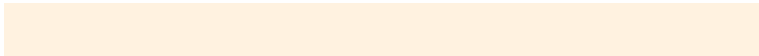
87, 35.410, 308.611

Sweetspot

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



87, 35.410, 78.616



96, 10.230, 82.376



74, 43.360, 352.846



51, 6.801, 82.208



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



87, 35.410, 78.616



85, 43.347, 77.460



97, 50.405, 110.097



52, 4.826, 82.691



55, 66.896, 67.846



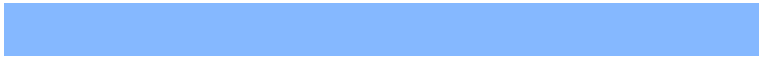
18, 27.265, 70.286

Inverse Universe

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



78, 33.482, 270.969



74, 40.559, 273.048



67, 55.859, 298.046



50, 4.777, 265.280



37, 68.574, 291.378



10, 27.582, 285.524

Previews

White Background



This preview shows how the CIELCh color 87, 35.410, 78.611 looks on a white background.

Color Contrast Check

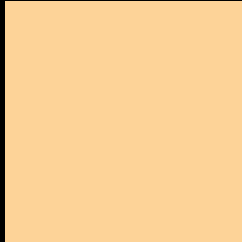
Large Text (above 18pt) WCAG AA × Fail

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 87, 35.410, 78.611 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 87, 35.410, 78.611

Background



This preview shows how black text looks on a background with the CIELCh color 87, 35.410, 78.611.



This preview shows how white text looks on a background with the CIELCh color 87, 35.410, 78.611.

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

87, 35.410, 78.611

Protanopia

87, 33.324, 95.575

Deuteranopia

87, 30.748, 71.988



Tritanopia
87, 19.607, 0.806

Trichromacy



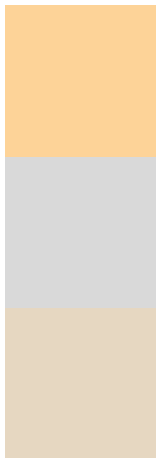
Original Color
87, 35.410, 78.611

Protanomaly
87, 33.886, 89.372

Deuteranomaly
87, 32.265, 74.417

Tritanomaly
87, 19.384, 40.919

Monochromacy



Original Color
87, 35.410, 78.611

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 12.810, 82.832

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 35.410, 78.611 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, 211, 152)` looks like.

```
.text, #text, p{  
    color:rgb(253, 211, 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(253, 211, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 211, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 35.410, 78.611 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, 211, 152) }
```

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

```
.border{ border-color:rgb(253, 211, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 211, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 211, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 211, 152);  
box-shadow:4px 4px 4px 4px rgb(253, 211,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 35.410, 78.611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 211, 152) }
```

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

```
.background{ background-color: rgb(253,  
211, 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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