

Converting Colors

CIELCh(91, 52.494, 63.186)

Have a look what the booklet for
CIELCh(91, 52.494, 63.186) contains.

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Color

CIELCh(87, 41.152, 80.117)

Conversions

Conversions Part 1

Format	Color
Hex	FFD38D
RGB	255, 211, 141
RGB Percent	100%, 83%, 55%
CMY	0.0000, 0.1723, 0.4471
CMYK	0.00, 0.17, 0.45, 0.00
HSL	37°, 100%, 78%
HSV	37°, 45%, 100%
XYZ	69.7655, 70.0064, 35.0315
YIQ	216.1760, 48.6940, -12.4420

Conversions

Conversions Part 2

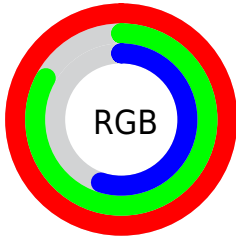
Format	Color
R _Y B	213, 255, 141
Decimal	16765837
CIE Lab	87.00, 7.06, 40.54
CIE LCh	87, 41.152, 80.117
Yxy	70.0064, 0.3991, 0.4005
Android (android.graphics.Color)	4294955917 (0xFFFFD38D)
YUV	216.1760, -37.0618, 34.0486
Hunter-Lab	83.6698, 2.4146, 33.7449

Details

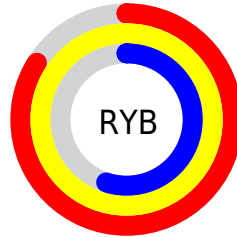
The CIELCh color **87, 41.152, 80.117** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **75, 39.304, 274.872**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 30.226, 107.879**, and **67, 40.709, 80.997** is the 20% darker color. If you saturate the color by 10%, you get **84, 50.545, 79.230**, and if you desaturate by 10%, it is **90, 31.384, 82.107**.

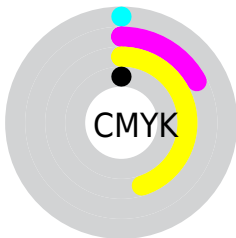
Distribution



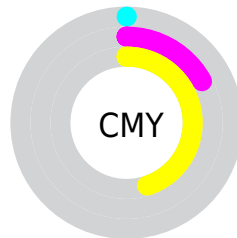
- Red (100%)
- Green (83%)
- Blue (55%)



- Red (84%)
- Yellow (100%)
- Blue (55%)



- Cyan (0%)
- Magenta (17%)
- Yellow (45%)
- Black (0%)





- Cyan (0%)
- Magenta (17%)
- Yellow (45%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 41.152, 80.117 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, 41.152, 80.117 by changing the saturation by 10% instead.


 87, 41.152, 80.117


 87, 41.152, 80.117

 100, 41.152,
80.117


 77, 41.152, 80.117

 67, 41.152, 80.117

 57, 41.152, 80.117

 47, 41.152, 80.117

 37, 41.152, 80.117

 27, 41.152, 80.117

 17, 41.152, 80.117

 7, 41.152, 80.117

 0, 41.152, 80.117

87, 41.152, 80.117

87, 41.152, 80.117

84, 50.545, 79.230

90, 31.384, 82.107

82, 59.998, 77.691

93, 22.035, 83.480

79, 68.815, 76.007

96, 12.928, 84.808

77, 76.195, 74.039

99, 4.073, 86.049

74, 81.088, 71.551

100, 0.012,
296.813

73, 82.726, 70.029

Harmonies

Complementary

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



87, 41.152, 80.117



75, 39.304, 274.872

Rectangle

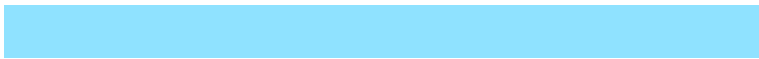
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87, 41.152, 80.117



87, 41.152, 130.117



87, 41.152, 260.117



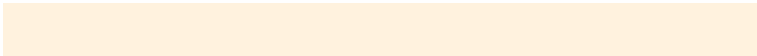
87, 41.152, 310.117

Sweetspot

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



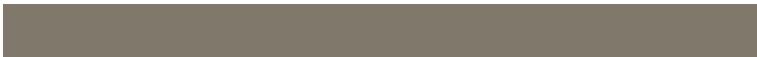
87, 40.926, 80.693



96, 11.397, 85.030



72, 48.440, 354.713



51, 8.001, 84.743



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, 40.926, 80.693



84, 49.866, 79.336



97, 56.508, 110.475



52, 4.958, 85.474



56, 66.576, 70.654



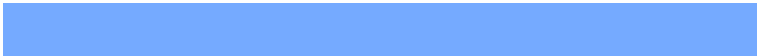
18, 27.506, 73.300

Inverse Universe

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



75, 39.304, 274.872



69, 47.683, 277.414



64, 63.586, 299.274



50, 4.927, 268.045



35, 72.402, 293.508



9, 29.063, 287.915

Previews

White Background



This preview shows how the CIELCh color 87, 41.152, 80.117 looks on a white background.

Color Contrast Check

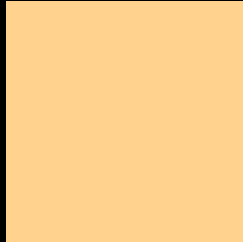
Large Text (above 18pt) WCAG AA × Fail

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, 41.152, 80.117 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, 41.152, 80.117

Background



This preview shows how black text looks on a background with the CIELCh color 87, 41.152, 80.117.



This preview shows how white text looks on a background with the CIELCh color 87, 41.152, 80.117.

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, 40.912, 80.652

Protanopia

87, 38.874, 96.051

Deuteranopia

87, 32.950, 74.255



Tritanopia
87, 19.464, 2.263

Trichromacy



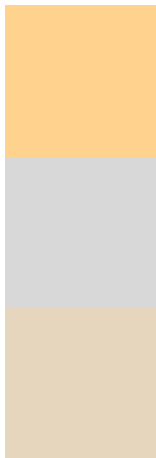
Original Color
87, 40.912, 80.652

Protanomaly
87, 39.058, 89.899

Deuteranomaly
87, 35.647, 76.557

Tritanomaly
87, 20.980, 46.934

Monochromacy



Original Color
87, 40.912, 80.652

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 14.416, 83.988

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 41.152, 80.117 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(255, 211, 141)` looks like.

```
.text, #text, p{  
    color:rgb(255, 211, 141)  
}
```

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(255, 211, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 41.152, 80.117 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(255, 211, 141) }
```

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

```
.border{ border-color:rgb(255, 211, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 211, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 211, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 211, 141);  
box-shadow:4px 4px 4px 4px rgb(255, 211,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 41.152, 80.117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 211, 141) }
```

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

```
.background{ background-color: rgb(255,  
211, 141) }
```

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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