

Converting Colors

CIELCh(82, 38.126, 81.166)

Have a look what the booklet for
CIELCh(82, 38.126, 81.166) contains.

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Color

CIELCh(82, 38.267, 81.206)

Conversions

Conversions Part 1

Format	Color
Hex	EEC685
RGB	238, 198, 133
RGB Percent	93%, 78%, 52%
CMY	0.0664, 0.2233, 0.4782
CMYK	0.00, 0.17, 0.44, 0.07
HSL	37°, 76%, 73%
HSV	37°, 44%, 93%
XYZ	59.7260, 60.2982, 30.7014
YIQ	202.5500, 44.7050, -11.7350

Conversions

Conversions Part 2

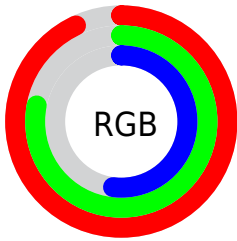
Format	Color
RYB	198, 238, 133
Decimal	15648389
CIELab	82.00, 5.85, 37.82
CIELCh	82, 38.267, 81.206
Yxy	60.2982, 0.3963, 0.4001
Android (android.graphics.Color)	4293838469 (0xFFEEC685)
YUV	202.5500, -34.2881, 31.0897
Hunter-Lab	77.6519, 1.4026, 30.9147

Details

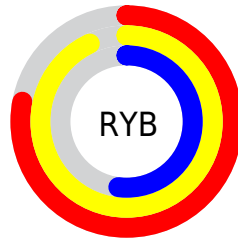
The CIELCh color **82, 38.267, 81.206** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **70, 36.885, 275.070**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 34.195, 107.573**, and **62, 38.252, 81.042** is the 20% darker color. If you saturate the color by 10%, you get **79, 47.371, 79.757**, and if you desaturate by 10%, it is **85, 29.239, 82.617**.

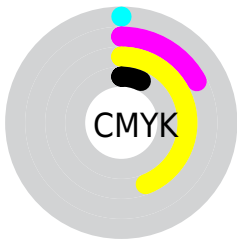
Distribution



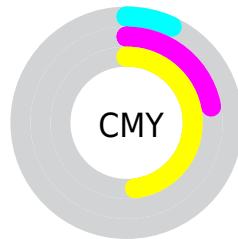
- Red (93%)
- Green (78%)
- Blue (52%)



- Red (78%)
- Yellow (93%)
- Blue (52%)



- Cyan (0%)
- Magenta (17%)
- Yellow (44%)
- Black (7%)



- Cyan (7%)
- Magenta (22%)
- Yellow (48%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 38.267, 81.206 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 82, 38.267, 81.206 by changing the saturation by 10% instead.

 82, 38.267, 81.206

 82, 38.267, 81.206

 100, 38.267,
81.206

 72, 38.267, 81.206

 62, 38.267, 81.206

 52, 38.267, 81.206

 42, 38.267, 81.206

 32, 38.267, 81.206

 22, 38.267, 81.206

 12, 38.267, 81.206

 2, 38.267, 81.206

 0, 38.267, 81.206

82, 38.267, 81.206

82, 38.267, 81.206

79, 47.371, 79.757

85, 29.239, 82.617

77, 56.328, 78.231

87, 20.390, 83.981

75, 64.719, 76.571

90, 11.765, 85.301

72, 71.820, 74.647

93, 3.372, 86.523

70, 76.651, 72.241

96, 4.795, 267.923

69, 78.473, 70.598

98, 5.093, 213.908

99, 5.819, 199.151

Harmonies

Complementary

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



82, 38.267, 81.206



70, 36.885, 275.070

Rectangle

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



82, 38.267, 81.206



82, 38.267, 131.206



82, 38.267, 261.206



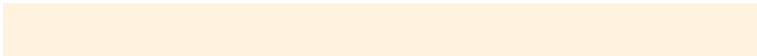
82, 38.267, 311.206

Sweetspot

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



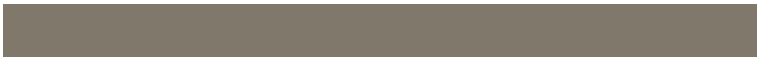
82, 38.267, 81.211



96, 11.444, 85.437



68, 44.903, 355.714



51, 8.034, 85.151



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



82, 38.267, 81.211



85, 49.028, 79.892



91, 52.850, 111.288



49, 4.732, 85.889



54, 64.546, 71.184



16, 24.013, 73.707

Inverse Universe

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



70, 36.885, 275.070



70, 47.080, 277.508



61, 59.255, 299.634



47, 4.705, 268.440



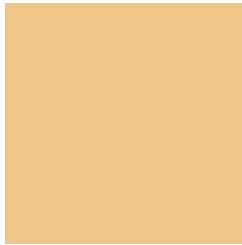
34, 70.583, 293.696



8, 26.263, 287.064

Previews

White Background



This preview shows how the CIELCh color 82, 38.267, 81.206 looks on a white background.

Color Contrast Check

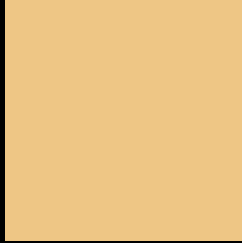
Large Text (above 18pt) WCAG AA × Fail

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 82, 38.267, 81.206 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 82, 38.267, 81.206

Background



This preview shows how black text looks on a background with the CIELCh color 82, 38.267, 81.206.



This preview shows how white text looks on a background with the CIELCh color 82, 38.267, 81.206.

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



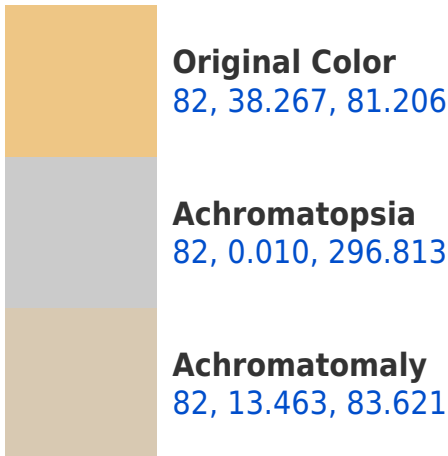


Tritanopia
82, 22.334, 0.640

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 38.267, 81.206 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(238, 198, 133)` looks like.

```
.text, #text, p{  
    color:rgb(238, 198, 133)  
}
```

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(238, 198, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 198, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 38.267, 81.206 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(238, 198, 133) }
```

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

```
.border{ border-color:rgb(238, 198, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 198, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 198, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 198, 133);  
box-shadow:4px 4px 4px 4px rgb(238, 198,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 38.267, 81.206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 198, 133) }
```

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

```
.background{ background-color: rgb(238,  
198, 133) }
```

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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