

Converting Colors

CIELCh(82, 37.326, 92.151)

Have a look what the booklet for
CIELCh(82, 37.326, 92.151) contains.

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Color

CIELCh(82, 37.356, 92.176)

Conversions

Conversions Part 1

Format	Color
Hex	E2CB86
RGB	226, 203, 134
RGB Percent	89%, 80%, 53%
CMY	0.1156, 0.2057, 0.4762
CMYK	0.00, 0.10, 0.41, 0.12
HSL	45°, 61%, 70%
HSV	45°, 41%, 88%
XYZ	56.7362, 60.2982, 31.0455
YIQ	202.0110, 35.8570, -16.5830

Conversions

Conversions Part 2

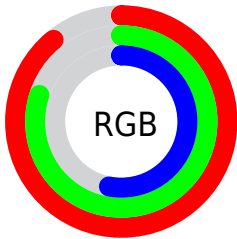
Format	Color
RYB	165, 226, 134
Decimal	14863238
CIELab	82.00, -1.42, 37.33
CIElCh	82, 37.356, 92.176
Yxy	60.2982, 0.3831, 0.4072
Android (android.graphics.Color)	4293053318 (0xFFE2CB86)
YUV	202.0110, -33.5294, 21.0384
Hunter-Lab	77.6519, -5.4701, 30.6520

Details

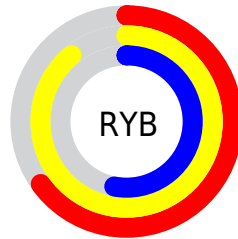
The CIELCh color $82, 37.356, 92.176$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $65, 38.621, 283.819$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 33.700, 107.612$, and $62, 37.350, 92.205$ is the 20% darker color. If you saturate the color by 10%, you get $80, 46.464, 90.857$, and if you desaturate by 10%, it is $84, 28.125, 93.473$.

Distribution



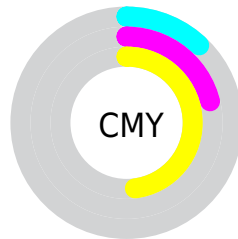
- Red (89%)
- Green (80%)
- Blue (53%)



- Red (65%)
- Yellow (89%)
- Blue (53%)



- Cyan (0%)
- Magenta (10%)
- Yellow (41%)
- Black (12%)



- Cyan (12%)
- Magenta (21%)
- Yellow (48%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 37.356, 92.176 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, 37.356, 92.176 by changing the saturation by 10% instead.

 82, 37.356, 92.176

 82, 37.356, 92.176

 100, 37.356,
92.176

 72, 37.356, 92.176

 62, 37.356, 92.176

 52, 37.356, 92.176

 42, 37.356, 92.176

 32, 37.356, 92.176

 22, 37.356, 92.176

 12, 37.356, 92.176

 2, 37.356, 92.176

 0, 37.356, 92.176

82, 37.356, 92.176

82, 37.356, 92.176

80, 46.464, 90.857

84, 28.125, 93.473

79, 55.216, 89.500

86, 18.895, 94.732

77, 63.215, 88.092

88, 9.738, 95.948

75, 69.841, 86.588

90, 0.684, 96.856

74, 74.307, 84.905

92, 8.250, 278.318

73, 76.330, 83.136

93, 10.219,
269.901

95, 8.613, 250.315

96, 8.316, 226.156

98, 9.430, 204.318

Harmonies

Complementary

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



82, 37.356, 92.176



65, 38.621, 283.819

Rectangle

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



82, 37.356, 92.176



82, 37.356, 142.176



82, 37.356, 272.176



82, 37.356, 322.176

Sweetspot

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



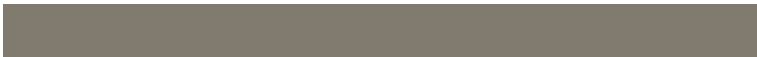
82, 37.357, 92.180



97, 11.995, 95.792



66, 38.069, 4.629



52, 7.963, 95.634



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, 37.357, 92.180



90, 49.564, 91.049



86, 47.723, 117.357



46, 5.107, 96.105



58, 63.488, 83.511



15, 22.140, 86.574

Inverse Universe

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



65, 38.621, 283.819



68, 51.910, 285.802



61, 52.330, 303.210



44, 5.146, 278.441



27, 83.237, 300.505



4, 26.197, 289.823

Previews

White Background



This preview shows how the CIELCh color 82, 37.356, 92.176 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 82, 37.356, 92.176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

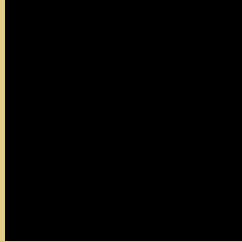
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 37.356, 92.176

Background



This preview shows how black text looks on a background with the CIELCh color 82, 37.356, 92.176.



This preview shows how white text looks on a background with the CIELCh color 82, 37.356, 92.176.

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

82, 37.356, 92.176

Protanopia

82, 37.225, 96.038

Deuteranopia

82, 38.315, 74.248



Tritanopia
82, 16.762, 352.621

Trichromacy



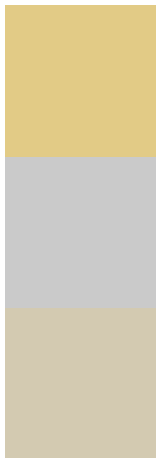
Original Color
82, 37.356, 92.176

Protanomaly
82, 37.034, 94.038

Deuteranomaly
82, 37.796, 80.940

Tritanomaly
82, 15.449, 50.902

Monochromacy



Original Color
82, 37.356, 92.176

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 13.643, 94.279

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 37.356, 92.176 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(226, 203, 134)` looks like.

```
.text, #text, p{  
    color:rgb(226, 203, 134)  
}
```

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(226, 203, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 203, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 37.356, 92.176 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(226, 203, 134) }
```

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

```
.border{ border-color:rgb(226, 203, 134) }
```

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

Here you see how a box with a 4 pixel rgb(226, 203, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 203, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 203, 134);  
box-shadow:4px 4px 4px 4px rgb(226, 203,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 37.356, 92.176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 203, 134) }
```

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

```
.background{ background-color: rgb(226,  
203, 134) }
```

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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