

Converting Colors

CIELCh(82, 37.947, 94.093)

Have a look what the booklet for
CIELCh(82, 37.947, 94.093) contains.

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Color

CIELCh(82, 38.129, 93.648)

Conversions

Conversions Part 1

Format	Color
Hex	E0CB84
RGB	224, 203, 132
RGB Percent	88%, 80%, 52%
CMY	0.1211, 0.2035, 0.4819
CMYK	0.00, 0.09, 0.41, 0.12
HSL	46°, 60%, 70%
HSV	46°, 41%, 88%
XYZ	56.3298, 60.2982, 30.5370
YIQ	201.1850, 35.3070, -17.6290

Conversions

Conversions Part 2

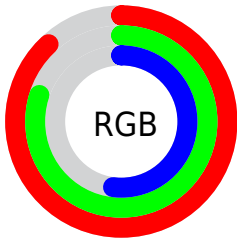
Format	Color
RYB	159, 224, 132
Decimal	14732164
CIELab	82.00, -2.43, 38.05
CIELCh	82, 38.129, 93.648
Yxy	60.2982, 0.3828, 0.4097
Android (android.graphics.Color)	4292922244 (0xFFE0CB84)
YUV	201.1850, -34.1082, 20.0088
Hunter-Lab	77.6519, -6.4044, 31.0403

Details

The CIELCh color **82, 38.129, 93.648** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **64, 39.787, 285.189**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 34.689, 107.535**, and **62, 38.134, 93.735** is the 20% darker color. If you saturate the color by 10%, you get **80, 47.281, 92.362**, and if you desaturate by 10%, it is **84, 28.813, 94.918**.

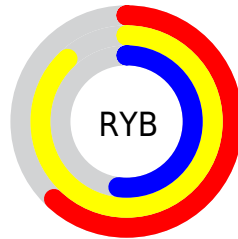
Distribution



Red (88%)

Green (80%)

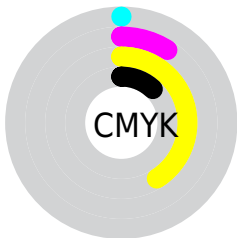
Blue (52%)



Red (62%)

Yellow (88%)

Blue (52%)

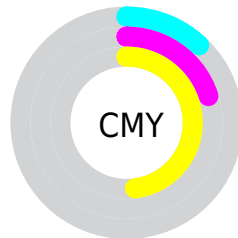


Cyan (0%)

Magenta (9%)

Yellow (41%)

Black (12%)



Cyan (12%)

Magenta (20%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 38.129, 93.648 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, 38.129, 93.648 by changing the saturation by 10% instead.

 82, 38.129, 93.648

 82, 38.129, 93.648

 100, 38.129,
93.648

 72, 38.129, 93.648

 62, 38.129, 93.648

 52, 38.129, 93.648

 42, 38.129, 93.648

 32, 38.129, 93.648

 22, 38.129, 93.648

 12, 38.129, 93.648

 2, 38.129, 93.648

 0, 38.129, 93.648

82, 38.129, 93.648

82, 38.129, 93.648

80, 47.281, 92.362

84, 28.813, 94.918

79, 56.022, 91.045

85, 19.467, 96.154

77, 63.944, 89.691

87, 10.168, 97.350

76, 70.423, 88.264

89, 0.955, 98.337

75, 74.696, 86.695

91, 8.154, 279.680

73, 76.533, 85.126

92, 11.364,
274.298

94, 9.581, 259.316

95, 8.683, 239.676

96, 8.925, 218.641

Harmonies

Complementary

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



82, 38.129, 93.648



64, 39.787, 285.189

Rectangle

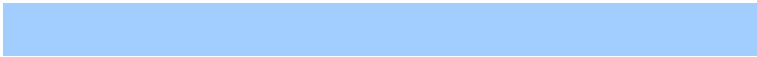
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82, 38.129, 93.648



82, 38.129, 143.648



82, 38.129, 273.648



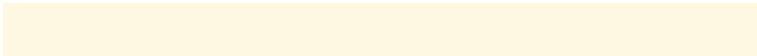
82, 38.129, 323.648

Sweetspot

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



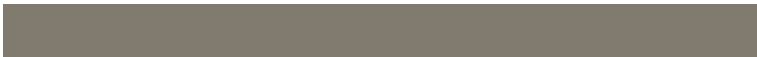
82, 38.130, 93.652



98, 12.264, 97.229



66, 38.026, 5.918



52, 8.141, 97.074



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, 38.130, 93.652



91, 50.432, 92.583



86, 47.925, 118.044



46, 5.223, 97.537



59, 63.964, 85.455



15, 22.550, 88.461

Inverse Universe

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



64, 39.787, 285.189



67, 53.412, 287.084



61, 52.495, 303.755



44, 5.273, 279.833



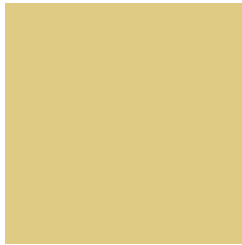
26, 85.514, 301.353



4, 26.691, 290.487

Previews

White Background



This preview shows how the CIELCh color 82, 38.129, 93.648 looks on a white background.

Color Contrast Check

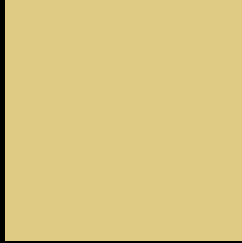
Large Text (above 18pt) WCAG AA × Fail

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, 38.129, 93.648 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, 38.129, 93.648

Background



This preview shows how black text looks on a background with the CIELCh color 82, 38.129, 93.648.



This preview shows how white text looks on a background with the CIELCh color 82, 38.129, 93.648.

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, 38.129, 93.648

Protanopia

82, 38.309, 95.597

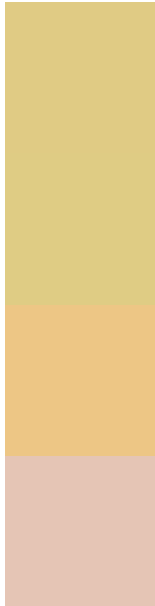
Deuteranopia

82, 38.765, 74.587



Tritanopia
82, 16.094, 351.275

Trichromacy



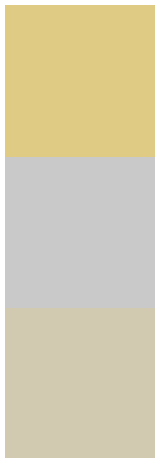
Original Color
82, 38.129, 93.648

Protanomaly
82, 38.399, 94.989

Deuteranomaly
82, 38.071, 81.766

Tritanomaly
82, 15.068, 54.054

Monochromacy



Original Color
82, 38.129, 93.648

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 13.987, 97.833

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 38.129, 93.648 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(224, 203, 132)` looks like.

```
.text, #text, p{  
    color:rgb(224, 203, 132)  
}
```

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(224, 203, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 203, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 38.129, 93.648 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(224, 203, 132) }
```

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

```
.border{ border-color:rgb(224, 203, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 203, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 203, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 203, 132);  
box-shadow:4px 4px 4px 4px rgb(224, 203,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 38.129, 93.648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 203, 132) }
```

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

```
.background{ background-color: rgb(224,  
203, 132) }
```

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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