

Converting Colors

CIELCh(82, 42.419, 93.947)

Have a look what the booklet for
CIELCh(82, 42.419, 93.947) contains.

| | |
|--|----|
| CIELCh(82, 42.174, 93.869) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 20 |
| <i>Color Blindness Simulation</i> | 23 |
| <i>CSS Examples</i> | 26 |

Color

CIELCh(82, 42.174, 93.869)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E1CB7C |
| RGB | 225, 203, 124 |
| RGB Percent | 88%, 80%, 49% |
| CMY | 0.1169, 0.2032, 0.5130 |
| CMYK | 0.00, 0.10, 0.45, 0.12 |
| HSL | 47°, 63%, 69% |
| HSV | 47°, 45%, 88% |
| XYZ | 56.1611, 60.2982, 27.8053 |
| YIQ | 200.5720, 38.4710, -19.9050 |

Conversions

Conversions Part 2

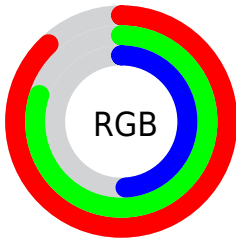
| Format | Color |
|-------------------------------------|---|
| RYB | 152, 225, 124 |
| Decimal | 14797692 |
| CIELab | 82.00, -2.85, 42.08 |
| CIELCh | 82, 42.174, 93.869 |
| Yxy | 60.2982, 0.3893, 0.4180 |
| Android (android.graphics.Color) | 4292987772 (0xFFE1CB7C) |
| YUV | 200.5720, -37.7500, 21.4234 |
| Hunter-Lab | 77.6519, -6.7922, 33.1260 |

Details

The CIELCh color **82, 42.174, 93.869** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **62, 44.491, 286.635**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 38.628, 107.231**, and **62, 42.212, 93.734** is the 20% darker color. If you saturate the color by 10%, you get **80, 51.282, 92.591**, and if you desaturate by 10%, it is **84, 32.803, 95.134**.

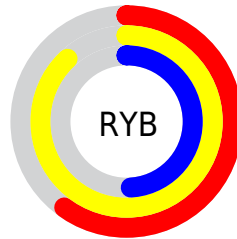
Distribution



Red (88%)

Green (80%)

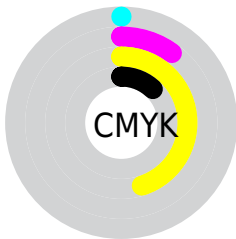
Blue (49%)



Red (60%)

Yellow (88%)

Blue (49%)

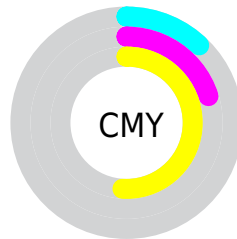


Cyan (0%)

Magenta (10%)

Yellow (45%)

Black (12%)



Cyan (12%)


Magenta (20%)


Yellow (51%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 42.174, 93.869 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, 42.174, 93.869 by changing the saturation by 10% instead.

 82, 42.174, 93.869

 82, 42.174, 93.869

 100, 42.174,
93.869

 72, 42.174, 93.869

 62, 42.174, 93.869

 52, 42.174, 93.869

 42, 42.174, 93.869

 32, 42.174, 93.869

 22, 42.174, 93.869

 12, 42.174, 93.869

 2, 42.174, 93.869

 0, 42.174, 93.869

82, 42.174, 93.869

82, 42.174, 93.869

80, 51.282, 92.591

84, 32.803, 95.134

79, 59.819, 91.285

85, 23.345, 96.370

78, 67.292, 89.941

87, 13.898, 97.573

76, 73.001, 88.515

89, 4.516, 98.717

75, 76.227, 86.933

91, 4.774, 279.927

74, 77.118, 86.062

92, 11.790,
278.795

94, 9.844, 265.790

95, 8.608, 247.963

96, 8.390, 227.035

Harmonies

Complementary

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



82, 42.174, 93.869



62, 44.491, 286.635

Rectangle

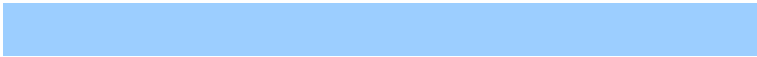
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82, 42.174, 93.869



82, 42.174, 143.869



82, 42.174, 273.869



82, 42.174, 323.869

Sweetspot

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



82, 42.175, 93.873



97, 13.437, 97.781



64, 41.873, 6.641



52, 9.413, 97.519



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, 42.175, 93.873



90, 55.858, 92.653



86, 52.332, 117.833



46, 5.280, 98.205



59, 64.223, 86.377



16, 22.756, 89.343

Inverse Universe

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



62, 44.491, 286.635



63, 60.166, 288.930



59, 57.926, 304.132



44, 5.335, 280.480



25, 86.576, 301.734



4, 26.920, 290.785

Previews

White Background



This preview shows how the CIELCh color 82, 42.174, 93.869 looks on a white background.

Color Contrast Check

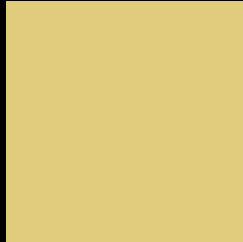
Large Text (above 18pt) WCAG AA × Fail

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, 42.174, 93.869 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, 42.174, 93.869

Background



This preview shows how black text looks on a background with the CIELCh color 82, 42.174, 93.869.



This preview shows how white text looks on a background with the CIELCh color 82, 42.174, 93.869.

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, 42.174, 93.869

Protanopia

82, 42.351, 95.641

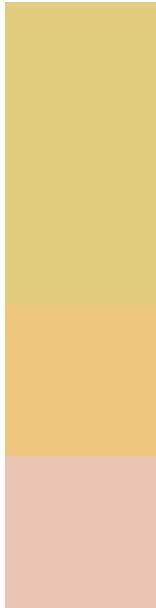
Deuteranopia

82, 42.863, 76.034



Tritanopia
82, 17.092, 353.254

Trichromacy



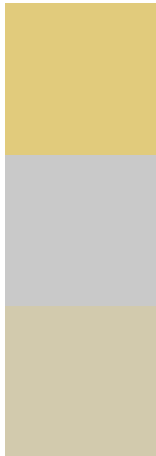
Original Color
82, 42.174, 93.869

Protanomaly
82, 42.439, 95.086

Deuteranomaly
82, 42.232, 82.551

Tritanomaly
82, 16.715, 56.800

Monochromacy



Original Color
82, 42.174, 93.869

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 15.615, 97.356

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 42.174, 93.869 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(225, 203, 124)` looks like.

```
.text, #text, p{  
    color:rgb(225, 203, 124)  
}
```

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(225, 203, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 203, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 42.174, 93.869 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(225, 203, 124) }
```

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

```
.border{ border-color:rgb(225, 203, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 203, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 203, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 203, 124);  
box-shadow:4px 4px 4px 4px rgb(225, 203,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 42.174, 93.869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 203, 124) }
```

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

```
.background{ background-color: rgb(225,  
203, 124) }
```

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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