

Converting Colors

CIELCh(84, 45.967, 98.958)

Have a look what the booklet for
CIELCh(84, 45.967, 98.958) contains.

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Color

CIELCh(84, 46.159, 98.894)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E1D37A |
| RGB | 225, 211, 122 |
| RGB Percent | 88%, 83%, 48% |
| CMY | 0.1173, 0.1722, 0.5212 |
| CMYK | 0.00, 0.06, 0.46, 0.12 |
| HSL | 52°, 63%, 68% |
| HSV | 52°, 46%, 88% |
| XYZ | 57.9179, 64.0658, 27.7542 |
| YIQ | 205.0400, 36.9130, -24.7110 |

Conversions

Conversions Part 2

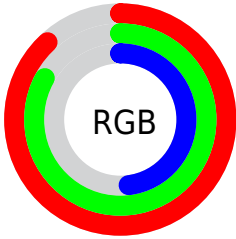
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 138, 225, 122 |
| Decimal | 14799738 |
| CIELab | 84.00, -7.14, 45.60 |
| CIELCh | 84, 46.159, 98.894 |
| Yxy | 64.0658, 0.3868, 0.4279 |
| Android (android.graphics.Color) | 4292989818 (0xFFE1D37A) |
| YUV | 205.0400, -40.9387, 17.5049 |
| Hunter-Lab | 80.0411, -10.9091, 35.4700 |

Details

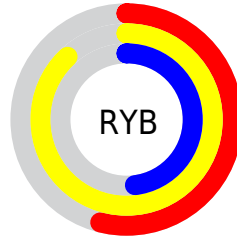
The CIELCh color **84, 46.159, 98.894** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **59, 50.353, 291.097**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 39.607, 107.155**, and **64, 46.152, 99.003** is the 20% darker color. If you saturate the color by 10%, you get **83, 55.590, 97.773**, and if you desaturate by 10%, it is **85, 36.291, 100.032**.

Distribution



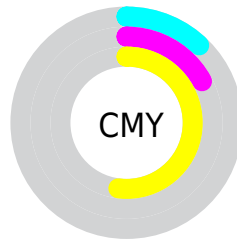
- Red (88%)
- Green (83%)
- Blue (48%)



- Red (54%)
- Yellow (88%)
- Blue (48%)



- Cyan (0%)
- Magenta (6%)
- Yellow (46%)
- Black (12%)



- Cyan (12%)
- Magenta (17%)
- Yellow (52%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 46.159, 98.894 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 84, 46.159, 98.894 by changing the saturation by 10% instead.

 84, 46.159, 98.894

 84, 46.159, 98.894

 100, 46.159,
98.894

 74, 46.159, 98.894


 64, 46.159, 98.894

 54, 46.159, 98.894

 44, 46.159, 98.894

 34, 46.159, 98.894

 24, 46.159, 98.894

 14, 46.159, 98.894

 4, 46.159, 98.894

 0, 46.159, 98.894

84, 46.159, 98.894

84, 46.159, 98.894

83, 55.590, 97.773

85, 36.291,
100.032

82, 64.229, 96.671

86, 26.204,
101.164

81, 71.548, 95.600

80, 76.881, 94.558

88, 16.029,
102.279

79, 79.662, 93.520

89, 5.844, 103.359

79, 80.317, 93.078

90, 4.307, 284.475

91, 13.292,
284.876

92, 11.846,
278.880

93, 10.563,
271.364

Harmonies

Complementary

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



84, 46.159, 98.894



59, 50.353, 291.097

Rectangle

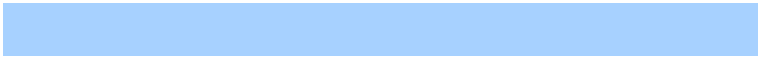
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84, 46.159, 98.894



84, 46.159, 148.894



84, 46.159, 278.894



84, 46.159, 328.894

Sweetspot

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



84, 46.160, 98.897



98, 15.750, 102.462



63, 42.546, 13.141



52, 10.876, 102.223



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



84, 46.160, 98.897



93, 60.704, 97.815



85, 54.174, 121.231



47, 5.753, 102.968



63, 66.901, 93.255



17, 24.538, 95.652

Inverse Universe

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



59, 50.353, 291.097



60, 68.205, 293.307



59, 59.404, 306.744



44, 5.844, 285.089



23, 93.886, 304.150



3, 28.668, 292.878

Previews

White Background



This preview shows how the CIELCh color 84, 46.159, 98.894 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 84, 46.159, 98.894 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 84, 46.159, 98.894

Background



This preview shows how black text looks on a background with the CIELCh color 84, 46.159, 98.894.



This preview shows how white text looks on a background with the CIELCh color 84, 46.159, 98.894.

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

84, 46.159, 98.894

Protanopia

84, 46.136, 95.749

Deuteranopia

84, 45.818, 76.803



Tritanopia
84, 15.320, 347.337

Trichromacy



Original Color
84, 46.159, 98.894

Protanomaly
84, 45.975, 96.776

Deuteranomaly
84, 44.937, 85.048

Tritanomaly
84, 15.643, 67.241

Monochromacy



Original Color
84, 46.159, 98.894

Achromatopsia
82, 0.010, 296.813

Achromatomaly
83, 16.922, 102.140

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 46.159, 98.894 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, 211, 122)` looks like.

```
.text, #text, p{  
    color:rgb(225, 211, 122)  
}
```

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, 211, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 211, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 46.159, 98.894 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, 211, 122) }
```

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

```
.border{ border-color:rgb(225, 211, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 211, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 211, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 211, 122);  
box-shadow:4px 4px 4px 4px rgb(225, 211,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 46.159, 98.894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 211, 122) }
```

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

```
.background{ background-color: rgb(225,  
211, 122) }
```

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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