

Converting Colors

CIELCh(84, 73.027, 98.037)

Have a look what the booklet for
CIELCh(84, 73.027, 98.037) contains.

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Color

CIELCh(84, 73.027, 98.037)

Conversions

Conversions Part 1

Format	Color
Hex	E5D43C
RGB	229, 212, 60
RGB Percent	90%, 83%, 24%
CMY	0.1020, 0.1686, 0.7647
CMYK	0.00, 0.07, 0.74, 0.10
HSL	54°, 76%, 57%
HSV	54°, 74%, 90%
XYZ	56.6671, 64.0658, 13.6529
YIQ	199.7550, 58.9240, -43.6680

Conversions

Conversions Part 2

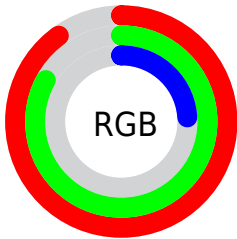
Format	Color
RYB	79, 229, 60
Decimal	15062076
CIELab	84.00, -10.21, 72.31
CIELCh	84, 73.027, 98.037
Yxy	64.0658, 0.4217, 0.4767
Android (android.graphics.Color)	4293252156 (0xFFE5D43C)
YUV	199.7550, -68.8992, 25.6479
Hunter-Lab	80.0411, -13.6983, 45.9154

Details

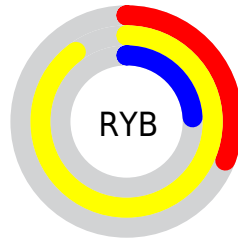
The CIELCh color **84, 73.027, 98.037** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light washed yellow. A complement of this color would be **41, 90.264, 299.533**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 66.602, 105.082**, and **64, 67.996, 98.177** is the 20% darker color. If you saturate the color by 10%, you get **83, 78.858, 97.152**, and if you desaturate by 10%, it is **85, 65.254, 99.000**.

Distribution



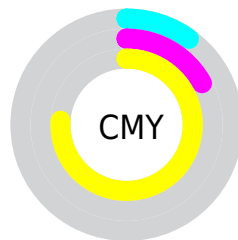
- Red (90%)
- Green (83%)
- Blue (24%)



- Red (31%)
- Yellow (90%)
- Blue (24%)



- Cyan (0%)
- Magenta (7%)
- Yellow (74%)
- Black (10%)



- Cyan (10%)
- Magenta (17%)
- Yellow (76%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 73.027, 98.037 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, 73.027, 98.037 by changing the saturation by 10% instead.

 84, 73.027, 98.037

 84, 73.027, 98.037

 100, 73.027,
98.037

 74, 73.027, 98.037

 64, 73.027, 98.037

 54, 73.027, 98.037

 44, 73.027, 98.037

 34, 73.027, 98.037

 24, 73.027, 98.037

 14, 73.027, 98.037

 4, 73.027, 98.037

 0, 73.027, 98.037

84, 73.027, 98.037

84, 73.027, 98.037

83, 78.858, 97.152

85, 65.254, 99.000

83, 82.175, 96.334

86, 56.179,
100.020

82, 83.162, 95.849

86, 46.308,
101.081

87, 35.984,
102.162

88, 25.420,
103.247

89, 14.750,
104.321

91, 4.051, 105.356

92, 6.628, 286.429

93, 11.563,

Harmonies

Complementary

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



84, 73.027, 98.037



41, 90.264, 299.533

Rectangle

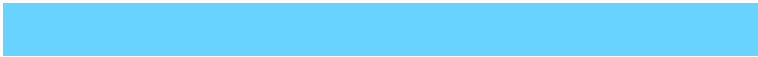
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84, 73.027, 98.037



84, 73.027, 148.037



84, 73.027, 278.037



84, 73.027, 328.037

Sweetspot

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



84, 73.027, 98.040



97, 25.648, 103.427



52, 71.066, 23.889



52, 17.224, 103.132



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, 73.027, 98.040



91, 87.958, 96.676



84, 83.463, 121.953



48, 6.079, 104.779



66, 69.098, 95.972



19, 26.724, 97.805

Inverse Universe

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



41, 90.264, 299.533



38, 118.676, 303.345



43, 97.361, 309.588



44, 6.187, 286.841



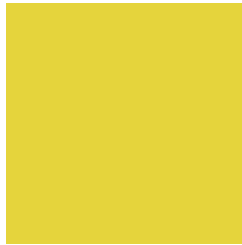
23, 97.431, 304.906



3, 31.331, 294.751

Previews

White Background



This preview shows how the CIELCh color 84, 73.027, 98.037 looks on a white background.

Color Contrast Check

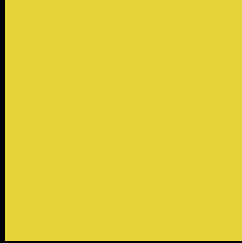
Large Text (above 18pt) WCAG AA × Fail

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, 73.027, 98.037 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, 73.027, 98.037

Background



This preview shows how black text looks on a background with the CIELCh color 84, 73.027, 98.037.



This preview shows how white text looks on a background with the CIELCh color 84, 73.027, 98.037.

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, 73.027, 98.037

Protanopia

84, 73.140, 95.265

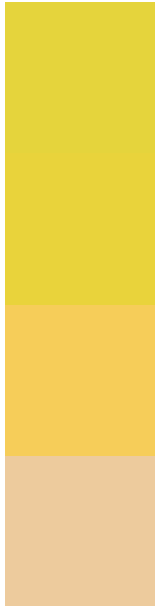
Deuteranopia

84, 55.181, 80.847



Tritanopia
84, 17.678, 354.415

Trichromacy



Original Color
84, 73.027, 98.037

Protanomaly
84, 73.289, 96.315

Deuteranomaly
84, 61.490, 88.176

Tritanomaly
84, 27.949, 78.624

Monochromacy



Original Color
84, 73.027, 98.037

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 28.980, 102.012

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 73.027, 98.037 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(229, 212, 60)` looks like.

```
.text, #text, p{  
    color:rgb(229, 212, 60)  
}
```

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(229, 212, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 212, 60) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 73.027, 98.037 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(229, 212, 60) }
```

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

```
.border{ border-color:rgb(229, 212, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 212, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 212, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 212, 60);  
box-shadow:4px 4px 4px 4px rgb(229, 212,  
60) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 73.027, 98.037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 212, 60) }
```

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

```
.background{ background-color: rgb(229,  
212, 60) }
```

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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