

Converting Colors

CIELCh(84, 43.039, 97.345)

Have a look what the booklet for
CIELCh(84, 43.039, 97.345) contains.

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Color

CIELCh(84, 42.979, 97.003)

Conversions

Conversions Part 1

Format	Color
Hex	E3D280
RGB	227, 210, 128
RGB Percent	89%, 82%, 50%
CMY	0.1093, 0.1760, 0.4976
CMYK	0.00, 0.07, 0.44, 0.11
HSL	50°, 64%, 70%
HSV	50°, 44%, 89%
XYZ	58.6987, 64.0658, 29.7335
YIQ	205.7350, 36.4540, -21.8980

Conversions

Conversions Part 2

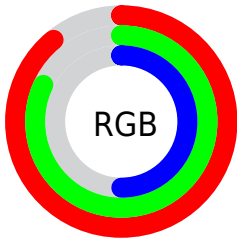
Format	Color
R_{YB}	149, 227, 128
Decimal	14930560
CIE Lab	84.00, -5.24, 42.66
CIE LCh	84, 42.979, 97.003
Yxy	64.0658, 0.3849, 0.4201
Android (android.graphics.Color)	4293120640 (0xFFE3D280)
YUV	205.7350, -38.3234, 18.6494
Hunter-Lab	80.0411, -9.1677, 34.0038

Details

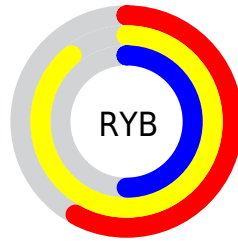
The CIELCh color **84, 42.979, 97.003** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **62, 46.051, 288.867**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 36.662, 107.383**, and **64, 43.009, 97.122** is the 20% darker color. If you saturate the color by 10%, you get **83, 52.411, 95.810**, and if you desaturate by 10%, it is **85, 33.227, 98.198**.

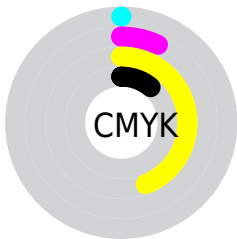
Distribution



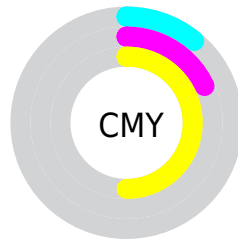
- Red (89%)
- Green (82%)
- Blue (50%)



- Red (58%)
- Yellow (89%)
- Blue (50%)



- Cyan (0%)
- Magenta (7%)
- Yellow (44%)
- Black (11%)



- Cyan (11%)
- Magenta (18%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 42.979, 97.003 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, 42.979, 97.003 by changing the saturation by 10% instead.

■ 84, 42.979, 97.003

■ 84, 42.979, 97.003

■ 100, 42.979,
97.003

■ 74, 42.979, 97.003

■ 64, 42.979, 97.003

■ 54, 42.979, 97.003

■ 44, 42.979, 97.003

■ 34, 42.979, 97.003

■ 24, 42.979, 97.003

■ 14, 42.979, 97.003

■ 4, 42.979, 97.003

■ 0, 42.979, 97.003

84, 42.979, 97.003

84, 42.979, 97.003

83, 52.411, 95.810

85, 33.227, 98.198

81, 61.212, 94.614

87, 23.337, 99.373

80, 68.895, 93.419

88, 13.417,
100.522

79, 74.793, 92.210

90, 3.528, 101.613

78, 78.223, 90.946

91, 6.297, 282.767

78, 79.272, 90.097

93, 11.264,
279.954

94, 9.640, 269.642

95, 8.437, 255.894

96, 7.845, 238.998

Harmonies

Complementary

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



84, 42.979, 97.003



62, 46.051, 288.867

Rectangle

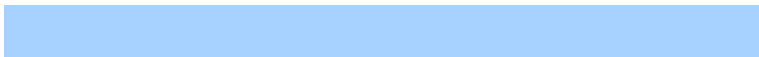
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84, 42.979, 97.003



84, 42.979, 147.003



84, 42.979, 277.003



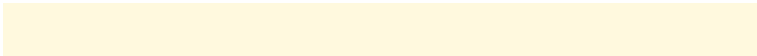
84, 42.979, 327.003

Sweetspot

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



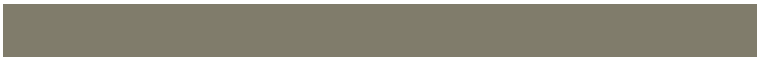
84, 42.980, 97.007



98, 14.093, 100.580



65, 40.713, 10.175



52, 9.868, 100.328



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, 42.980, 97.007



92, 55.937, 95.961



86, 51.764, 119.981



47, 5.645, 100.986



62, 66.295, 90.325



17, 25.047, 92.813

Inverse Universe

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



62, 46.051, 288.867



63, 61.298, 290.861



60, 56.732, 305.541



45, 5.722, 283.178



24, 91.997, 303.244



4, 29.697, 293.126

Previews

White Background



This preview shows how the CIELCh color 84, 42.979, 97.003 looks on a white background.

Color Contrast Check

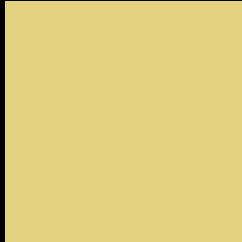
Large Text (above 18pt) WCAG AA × Fail

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, 42.979, 97.003 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, 42.979, 97.003

Background



This preview shows how black text looks on a background with the CIELCh color 84, 42.979, 97.003.



This preview shows how white text looks on a background with the CIELCh color 84, 42.979, 97.003.

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, 42.979, 97.003

Protanopia

84, 43.138, 95.912

Deuteranopia

84, 43.331, 75.971



Tritanopia
84, 15.369, 349.794

Trichromacy



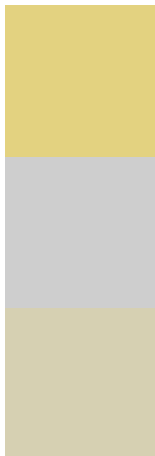
Original Color
84, 42.979, 97.003

Protanomaly
84, 43.056, 96.457

Deuteranomaly
84, 42.756, 83.635

Tritanomaly
84, 15.800, 63.964

Monochromacy



Original Color
84, 42.979, 97.003

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 15.916, 100.453

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 42.979, 97.003 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(227, 210, 128)` looks like.

```
.text, #text, p{  
    color:rgb(227, 210, 128)  
}
```

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(227, 210, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 210, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 42.979, 97.003 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(227, 210, 128) }
```

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

```
.border{ border-color:rgb(227, 210, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 210, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 210, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 210, 128);  
box-shadow:4px 4px 4px 4px rgb(227, 210,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 42.979, 97.003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 210, 128) }
```

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

```
.background{ background-color: rgb(227,  
210, 128) }
```

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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