

Converting Colors

CIELCh(84, 42.328, 99.446)

Have a look what the booklet for
CIELCh(84, 42.328, 99.446) contains.

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Color

CIELCh(84, 42.191, 99.191)

Conversions

Conversions Part 1

Format	Color
Hex	E0D382
RGB	224, 211, 130
RGB Percent	88%, 83%, 51%
CMY	0.1215, 0.1724, 0.4901
CMYK	0.00, 0.06, 0.42, 0.12
HSL	52°, 60%, 69%
HSV	52°, 42%, 88%
XYZ	58.0809, 64.0658, 30.4326
YIQ	205.6530, 33.7490, -22.4350

Conversions

Conversions Part 2

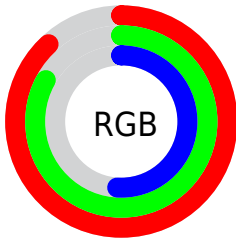
Format	Color
RYB	145, 224, 130
Decimal	14734210
CIELab	84.00, -6.74, 41.65
CIELCh	84, 42.191, 99.191
Yxy	64.0658, 0.3807, 0.4199
Android (android.graphics.Color)	4292924290 (0xFFE0D382)
YUV	205.6530, -37.2969, 16.0903
Hunter-Lab	80.0411, -10.5454, 33.4860

Details

The CIELCh color **84, 42.191, 99.191** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **61, 45.530, 290.184**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 35.677, 107.459**, and **64, 42.232, 99.521** is the 20% darker color. If you saturate the color by 10%, you get **83, 51.772, 98.060**, and if you desaturate by 10%, it is **85, 32.276, 100.333**.

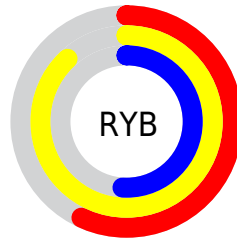
Distribution



Red (88%)

Green (83%)

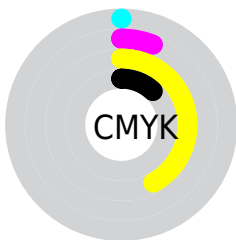
Blue (51%)



Red (57%)

Yellow (88%)

Blue (51%)

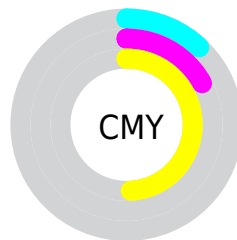


Cyan (0%)

Magenta (6%)

Yellow (42%)

Black (12%)



Cyan (12%)


Magenta (17%)

Yellow (49%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 42.191, 99.191 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, 42.191, 99.191 by changing the saturation by 10% instead.

 84, 42.191, 99.191

 84, 42.191, 99.191

 100, 42.191,
99.191

 74, 42.191, 99.191

 64, 42.191, 99.191

 54, 42.191, 99.191

 44, 42.191, 99.191

 34, 42.191, 99.191

 24, 42.191, 99.191

 14, 42.191, 99.191

 4, 42.191, 99.191

 0, 42.191, 99.191

84, 42.191, 99.191

84, 42.191, 99.191

83, 51.772, 98.060

85, 32.276,
100.333

82, 60.722, 96.943

86, 22.202,
101.462

81, 68.585, 95.853

80, 74.736, 94.792

88, 12.079,
102.570

79, 78.522, 93.743

89, 1.966, 103.597

78, 79.921, 92.891

90, 8.099, 284.732

91, 13.251,
283.045

92, 11.832,
276.736

93, 10.592,
268.874

Harmonies

Complementary

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



84, 42.191, 99.191



61, 45.530, 290.184

Rectangle

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



84, 42.191, 99.191



84, 42.191, 149.191



84, 42.191, 279.191



84, 42.191, 329.191

Sweetspot

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



84, 42.192, 99.195



98, 14.587, 102.446



65, 38.606, 12.389



52, 10.211, 102.201



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, 42.192, 99.195



93, 55.442, 98.241



85, 49.700, 121.414



47, 5.739, 102.842



63, 66.809, 93.068



17, 24.483, 95.485

Inverse Universe

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



61, 45.530, 290.184



63, 61.232, 292.007



61, 54.002, 306.440



44, 5.828, 284.967



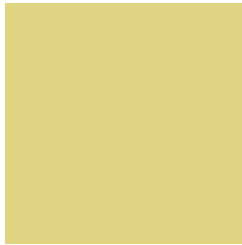
23, 93.706, 304.095



3, 28.617, 292.821

Previews

White Background



This preview shows how the CIELCh color 84, 42.191, 99.191 looks on a white background.

Color Contrast Check

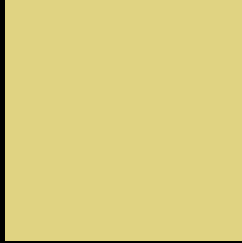
Large Text (above 18pt) WCAG AA × Fail

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, 42.191, 99.191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

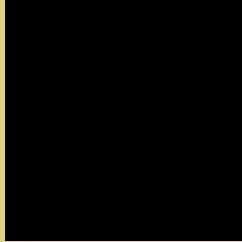
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 42.191, 99.191

Background



This preview shows how black text looks on a background with the CIELCh color 84, 42.191, 99.191.



This preview shows how white text looks on a background with the CIELCh color 84, 42.191, 99.191.

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, 42.191, 99.191

Protanopia

84, 42.278, 95.200

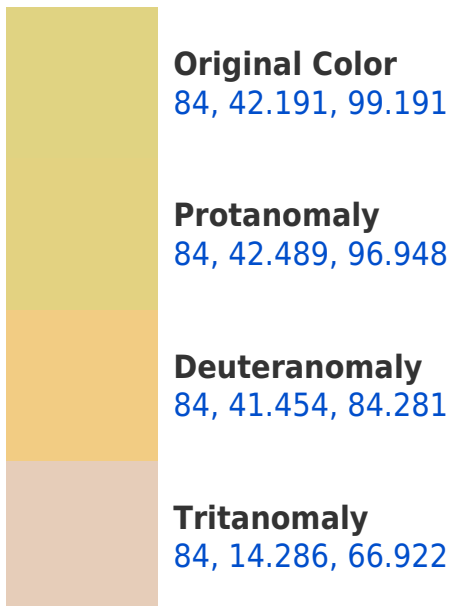
Deuteranopia

84, 42.431, 75.411



Tritanopia
84, 14.112, 346.552

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 42.191, 99.191 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, 211, 130)` looks like.

```
.text, #text, p{  
    color:rgb(224, 211, 130)  
}
```

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, 211, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 211, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 42.191, 99.191 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, 211, 130) }
```

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

```
.border{ border-color:rgb(224, 211, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 211, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 211, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 211, 130);  
box-shadow:4px 4px 4px 4px rgb(224, 211,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 42.191, 99.191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 211, 130) }
```

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

```
.background{ background-color: rgb(224,  
211, 130) }
```

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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