

Converting Colors

CIELCh(88, 27.268, 107.913)

Have a look what the booklet for
CIELCh(88, 27.268, 107.913)
contains.

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Color

CIELCh(88, 27.362, 107.883)

Conversions

Conversions Part 1

Format	Color
Hex	E0E0AB
RGB	224, 224, 171
RGB Percent	88%, 88%, 67%
CMY	0.1217, 0.1217, 0.3296
CMYK	0.00, 0.00, 0.24, 0.12
HSL	60°, 46%, 77%
HSV	60°, 24%, 88%
XYZ	64.7161, 72.0653, 49.0054
YIQ	217.9580, 17.0130, -16.4830

Conversions

Conversions Part 2

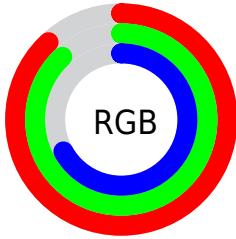
Format	Color
RYB	171, 224, 171
Decimal	14737579
CIELab	88.00, -8.40, 26.04
CIELCh	88, 27.362, 107.883
Yxy	72.0653, 0.3483, 0.3879
Android (android.graphics.Color)	4292927659 (0xFFE0E0AB)
YUV	217.9580, -23.1503, 5.2988
Hunter-Lab	84.8913, -12.4818, 25.1974

Details

The CIELCh color $88, 27.362, 107.883$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $72, 28.933, 292.949$, and the grayscale version is $87, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 14.168, 109.107$, and $68, 27.654, 108.172$ is the 20% darker color. If you saturate the color by 10%, you get $88, 38.662, 106.925$, and if you desaturate by 10%, it is $88, 15.862, 108.859$.

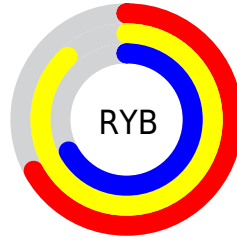
Distribution



Red (88%)

Green (88%)

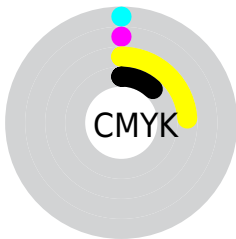
Blue (67%)



Red (67%)

Yellow (88%)

Blue (67%)

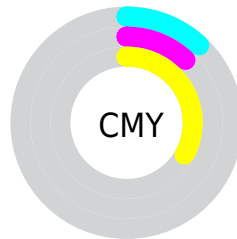


Cyan (0%)

Magenta (0%)

Yellow (24%)

Black (12%)



Cyan (12%)


Magenta (12%)


Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 27.362, 107.883 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 88, 27.362, 107.883 by changing the saturation by 10% instead.


 88, 27.362,
107.883


 88, 27.362,
107.883


 100, 27.362,
107.883


 78, 27.362,
107.883

 68, 27.362,
107.883

 58, 27.362,
107.883

 48, 27.362,
107.883

 38, 27.362,
107.883

 28, 27.362,
107.883

 18, 27.362,

107.883

■ 8, 27.362, 107.883

■ 0, 27.362, 107.883

■ 88, 27.362,
107.883

■ 88, 27.362,
107.883

■ 88, 38.662,
106.925

■ 88, 15.862,
108.859

■ 87, 49.600,
105.995

■ 89, 4.256, 109.815

■ 87, 59.936,
105.124

■ 90, 7.389, 290.791

■ 87, 69.311,
104.346

■ 90, 16.151,
291.484

■ 87, 77.236,

■ 90, 16.151,
291.487

103.701

90, 16.151,
291.490

87, 83.153,
103.228

90, 16.151,
291.492

87, 86.653,
102.952

90, 16.151,
291.495

87, 87.857,
102.858

90, 16.151,
291.498

Harmonies

Complementary

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



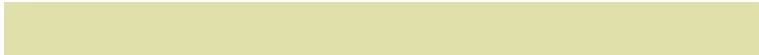
88, 27.362, 107.883



72, 28.933, 292.949

Rectangle

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



88, 27.362, 107.883



88, 27.362, 157.883



88, 27.362, 287.883



88, 27.362, 337.883

Sweetspot

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



88, 27.364, 107.887



100, 9.036, 109.497



75, 20.805, 21.203



53, 5.871, 109.438



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



88, 27.364, 107.887



99, 35.874, 107.448



86, 29.320, 127.979



47, 6.607, 109.267



70, 73.366, 102.858



19, 27.934, 103.891

Inverse Universe

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



72, 28.933, 292.949



77, 38.401, 293.614



74, 30.292, 310.196



43, 6.754, 291.163



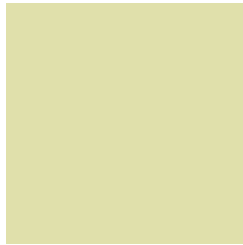
21, 101.304, 306.288



2, 31.634, 295.832

Previews

White Background



This preview shows how the CIELCh color 88, 27.362, 107.883 looks on a white background.

Color Contrast Check

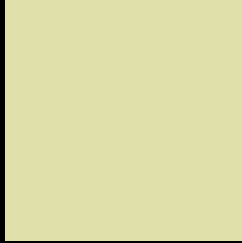
Large Text (above 18pt) WCAG AA × Fail

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 88, 27.362, 107.883 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

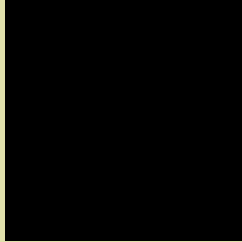
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

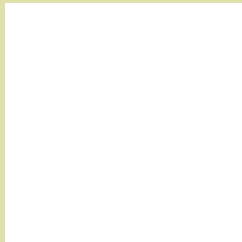
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 27.362, 107.883

Background



This preview shows how black text looks on a background with the CIELCh color 88, 27.362, 107.883.



This preview shows how white text looks on a background with the CIELCh color 88, 27.362, 107.883.

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
88, 27.362, 107.883

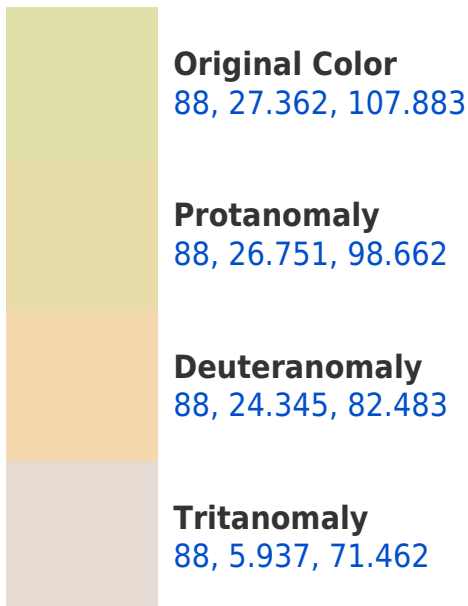
Protanopia
88, 27.176, 94.526

Deuteranopia
88, 24.805, 66.805



Tritanopia
88, 10.593, 323.205

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 27.362, 107.883 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, 224, 171)` looks like.

```
.text, #text, p{  
    color:rgb(224, 224, 171)  
}
```

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, 224, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 224, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 27.362, 107.883 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, 224, 171) }
```

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

```
.border{ border-color:rgb(224, 224, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 224, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 224, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 224, 171);  
box-shadow:4px 4px 4px 4px rgb(224, 224,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 27.362, 107.883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 224, 171) }
```

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

```
.background{ background-color: rgb(224,  
224, 171) }
```

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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