

Converting Colors

CIELCh(88, 24.896, 113.422)

Have a look what the booklet for
CIELCh(88, 24.896, 113.422)
contains.

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Color

CIELCh(88, 24.916, 113.415)

Conversions

Conversions Part 1

Format	Color
Hex	DBE1B1
RGB	219, 225, 177
RGB Percent	86%, 88%, 69%
CMY	0.1413, 0.1177, 0.3060
CMYK	0.03, 0.00, 0.21, 0.12
HSL	68°, 44%, 79%
HSV	68°, 21%, 88%
XYZ	64.0567, 72.0653, 52.1153
YIQ	217.7340, 11.8320, -16.2000

Conversions

Conversions Part 2

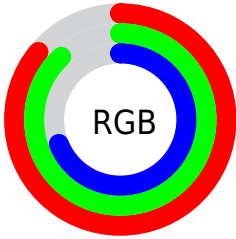
Format	Color
RYB	177, 225, 183
Decimal	14410161
CIELab	88.00, -9.90, 22.86
CIELCh	88, 24.916, 113.415
Yxy	72.0653, 0.3403, 0.3828
Android (android.graphics.Color)	4292600241 (0xFFDBE1B1)
YUV	217.7340, -20.0819, 1.1103
Hunter-Lab	84.8913, -13.8684, 23.0254

Details

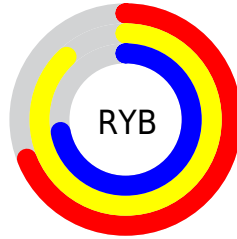
The CIELCh color **88, 24.916, 113.415** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **74, 26.155, 297.020**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 11.136, 109.335**, and **68, 25.102, 113.235** is the 20% darker color. If you saturate the color by 10%, you get **87, 36.378, 112.635**, and if you desaturate by 10%, it is **89, 13.281, 114.207**.

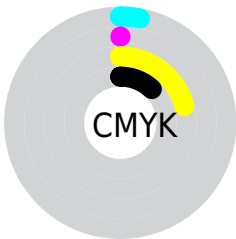
Distribution



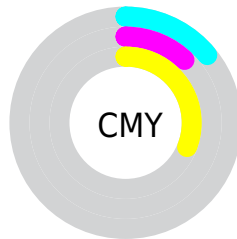
- Red (86%)
- Green (88%)
- Blue (69%)



- Red (69%)
- Yellow (88%)
- Blue (72%)



- Cyan (3%)
- Magenta (0%)
- Yellow (21%)
- Black (12%)



- Cyan (14%)
- Magenta (12%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 24.916, 113.415 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, 24.916, 113.415 by changing the saturation by 10% instead.

 88, 24.916,
113.415

 88, 24.916,
113.415


 100, 24.916,
113.415


 78, 24.916,
113.415

 68, 24.916,
113.415

 58, 24.916,
113.415

 48, 24.916,
113.415

 38, 24.916,
113.415

 28, 24.916,
113.415

 18, 24.916,

113.415

■ 8, 24.916, 113.415

■ 0, 24.916, 113.415

■ 88, 24.916,
113.415

■ 88, 24.916,
113.415

■ 87, 36.378,
112.635

■ 89, 13.281,
114.207

■ 87, 47.521,
111.878

■ 89, 1.559, 114.974

■ 86, 58.132,
111.184

■ 90, 10.185,
295.742

■ 86, 67.888,
110.599

■ 91, 15.733,
297.932

■ 86, 76.338,

■ 91, 15.880,
301.378

110.187

91, 16.082,
304.768

85, 82.929,
110.020

91, 16.338,
308.081

85, 87.187,
110.170

92, 16.646,
311.300

85, 89.141,
110.540

92, 17.004,
314.410

Harmonies

Complementary

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



88, 24.916, 113.415



74, 26.155, 297.020

Rectangle

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



88, 24.916, 113.415



88, 24.916, 163.415



88, 24.916, 293.415



88, 24.916, 343.415

Sweetspot

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



88, 24.918, 113.419



99, 7.783, 114.620



78, 16.804, 30.855



53, 5.163, 114.569



0, 0.000, 0.000



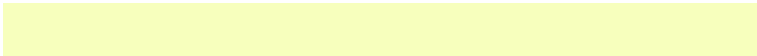
53, 0.007, 296.813

Same Dimension

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



88, 24.918, 113.419



98, 33.527, 113.037



86, 27.364, 132.091



47, 6.640, 114.356



68, 74.160, 110.420



19, 28.112, 110.835

Inverse Universe

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



74, 26.155, 297.020



79, 35.627, 297.552



76, 27.959, 313.954



43, 6.785, 295.867



21, 100.541, 306.758



2, 31.843, 298.856

Previews

White Background



This preview shows how the CIELCh color 88, 24.916, 113.415 looks on a white background.

Color Contrast Check

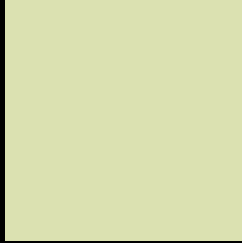
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 88, 24.916, 113.415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

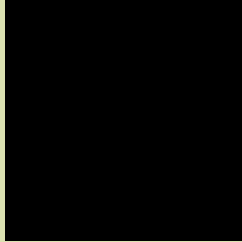
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

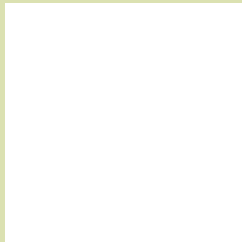
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 24.916, 113.415

Background



This preview shows how black text looks on a background with the CIELCh color 88, 24.916, 113.415.



This preview shows how white text looks on a background with the CIELCh color 88, 24.916, 113.415.

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](#).

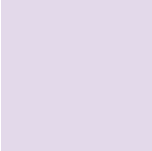
Dichromacy



Original Color
88, 24.916, 113.415

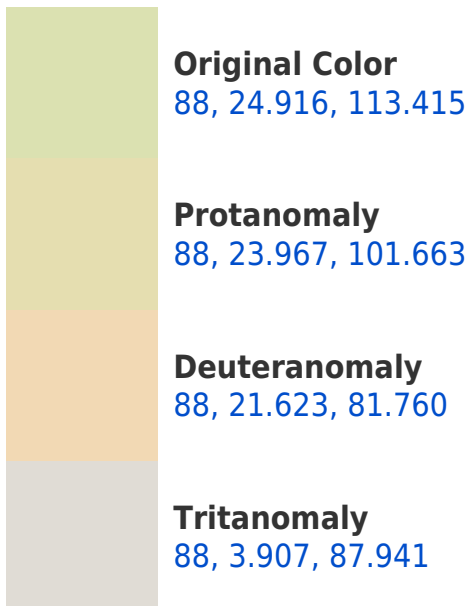
Protanopia
88, 24.070, 94.118

Deuteranopia
88, 23.536, 63.040



Tritanopia
88, 9.607, 312.378

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 24.916, 113.415 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(219, 225, 177)` looks like.

```
.text, #text, p{  
    color:rgb(219, 225, 177)  
}
```

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(219, 225, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 225, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 24.916, 113.415 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(219, 225, 177) }
```

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

```
.border{ border-color:rgb(219, 225, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 225, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 225, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 225, 177); box-shadow:4px 4px 4px 4px rgb(219, 225, 177) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 24.916, 113.415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 225, 177) }
```

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

```
.background{ background-color: rgb(219,  
225, 177) }
```

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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