

Converting Colors

CIELCh(88, 15.698, 115.738)

Have a look what the booklet for
CIELCh(88, 15.698, 115.738)
contains.

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Color

CIELCh(88, 15.682, 115.738)

Conversions

Conversions Part 1

Format	Color
Hex	DBE0C2
RGB	219, 224, 194
RGB Percent	86%, 88%, 76%
CMY	0.1422, 0.1226, 0.2403
CMYK	0.02, 0.00, 0.13, 0.12
HSL	70°, 32%, 82%
HSV	70°, 13%, 88%
XYZ	65.4214, 72.0653, 61.3445
YIQ	219.0850, 6.6500, -10.3900

Conversions

Conversions Part 2

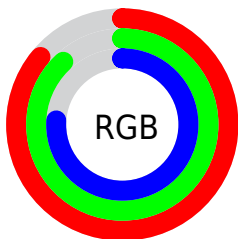
Format	Color
RYB	194, 224, 199
Decimal	14409922
CIELab	88.00, -6.81, 14.13
CIELCh	88, 15.682, 115.738
Yxy	72.0653, 0.3290, 0.3624
Android (android.graphics.Color)	4292600002 (0xFFDBE0C2)
YUV	219.0850, -12.3669, -0.0745
Hunter-Lab	84.8913, -10.9988, 16.5795

Details

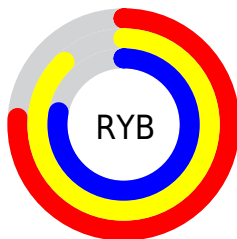
The CIELCh color **88, 15.682, 115.738** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **80, 16.150, 297.763**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 2.017, 109.989**, and **68, 15.972, 115.721** is the 20% darker color. If you saturate the color by 10%, you get **87, 27.288, 115.008**, and if you desaturate by 10%, it is **89, 3.985, 116.468**.

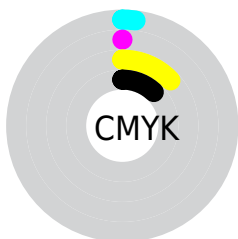
Distribution



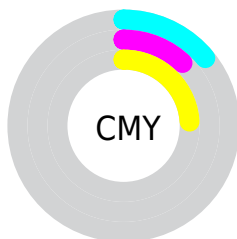
- Red (86%)
- Green (88%)
- Blue (76%)



- Red (76%)
- Yellow (88%)
- Blue (78%)



- Cyan (2%)
- Magenta (0%)
- Yellow (13%)
- Black (12%)





- Cyan (14%)
- Magenta (12%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 15.682, 115.738 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, 15.682, 115.738 by changing the saturation by 10% instead.


 88, 15.682,
115.738


 88, 15.682,
115.738


 100, 15.682,
115.738


 78, 15.682,
115.738

 68, 15.682,
115.738

 58, 15.682,
115.738

 48, 15.682,
115.738

 38, 15.682,
115.738

 28, 15.682,
115.738

 18, 15.682,

115.738

■ 8, 15.682, 115.738

■ 0, 15.682, 115.738

■ 88, 15.682,
115.738

■ 88, 15.682,
115.738

■ 87, 27.288,
115.008

■ 89, 3.985, 116.468

■ 87, 38.694,
114.282

■ 90, 7.743, 297.172

■ 86, 49.753,
113.591

■ 90, 16.434,
298.824

■ 85, 60.231,
112.974

■ 91, 16.656,
303.179

■ 85, 69.786,

■ 91, 16.969,
307.428

112.485

91, 17.371,
311.531

85, 77.945,
112.198

92, 17.858,
315.459

84, 84.159,
112.200

92, 18.423,
319.189

84, 88.005,
112.564

92, 19.061,
322.708

84, 89.471,
112.971

Harmonies

Complementary

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



88, 15.682, 115.738



80, 16.150, 297.763

Rectangle

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



88, 15.682, 115.738



88, 15.682, 165.738



88, 15.682, 295.738



88, 15.682, 345.738

Sweetspot

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



88, 15.684, 115.743



100, 5.204, 116.424



82, 9.796, 35.610



53, 3.699, 116.369



0, 0.000, 0.000



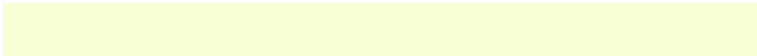
53, 0.007, 296.813

Same Dimension

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



88, 15.684, 115.743



99, 20.798, 115.544



87, 17.335, 134.097



47, 6.663, 116.032



67, 74.730, 112.820



18, 28.273, 113.067

Inverse Universe

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



80, 16.150, 297.763



87, 21.544, 298.002



81, 17.542, 315.222



43, 6.805, 297.430



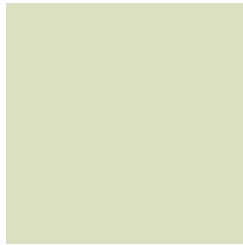
22, 100.134, 307.022



2, 31.932, 299.855

Previews

White Background



This preview shows how the CIELCh color 88, 15.682, 115.738 looks on a white background.

Color Contrast Check

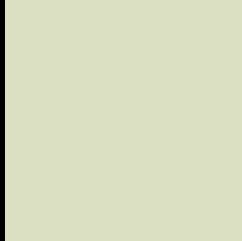
Large Text (above 18pt) WCAG AA × Fail

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, 15.682, 115.738 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

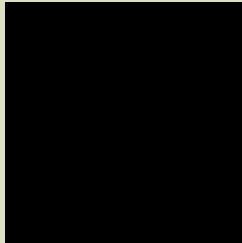
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

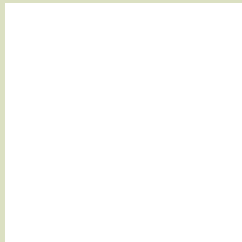
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 15.682, 115.738

Background



This preview shows how black text looks on a background with the CIELCh color 88, 15.682, 115.738.



This preview shows how white text looks on a background with the CIELCh color 88, 15.682, 115.738.

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, 15.682, 115.738

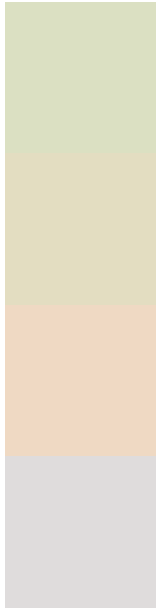
Protanopia
88, 15.132, 92.926

Deuteranopia
88, 17.093, 51.201



Tritanopia
88, 9.256, 306.275

Trichromacy



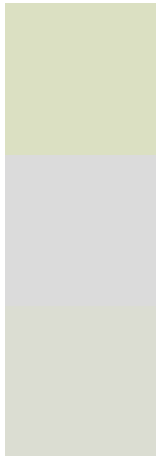
Original Color
88, 15.682, 115.738

Protanomaly
88, 14.711, 100.087

Deuteranomaly
88, 14.200, 73.117

Tritanomaly
88, 1.080, 18.934

Monochromacy



Original Color
88, 15.682, 115.738

Achromatopsia
87, 0.010, 296.813

Achromatomaly
88, 5.775, 116.947

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 15.682, 115.738 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, 224, 194)` looks like.

```
.text, #text, p{  
    color:rgb(219, 224, 194)  
}
```

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, 224, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 224, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 15.682, 115.738 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, 224, 194) }
```

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

```
.border{ border-color:rgb(219, 224, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 224, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 224, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 224, 194);  
box-shadow:4px 4px 4px 4px rgb(219, 224,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 15.682, 115.738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 224, 194) }
```

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

```
.background{ background-color: rgb(219,  
224, 194) }
```

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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