

Converting Colors

CIELCh(88, 5.453, 357.589)

Have a look what the booklet for
CIELCh(88, 5.453, 357.589) contains.

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Color

CIELCh(88, 5.495, 357.429)

Conversions

Conversions Part 1

Format	Color
Hex	E7D9DD
RGB	231, 217, 221
RGB Percent	91%, 85%, 87%
CMY	0.0929, 0.1478, 0.1321
CMYK	0.00, 0.06, 0.04, 0.09
HSL	343°, 23%, 88%
HSV	343°, 6%, 91%
XYZ	71.0432, 72.0653, 78.7909
YIQ	221.6420, 7.0600, 4.2120

Conversions

Conversions Part 2

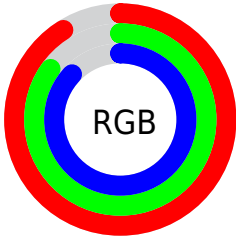
Format	Color
R _Y B	231, 217, 221
Decimal	15194589
CIE Lab	88.00, 5.49, -0.25
CIE LCh	88, 5.495, 357.429
Yxy	72.0653, 0.3202, 0.3248
Android (android.graphics.Color)	4293384669 (0xFFE7D9DD)
YUV	221.6420, -0.3165, 8.2070
Hunter-Lab	84.8913, 0.8220, 4.3945

Details

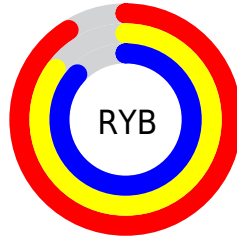
The CIELCh color **88, 5.495, 357.429** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **91, 5.388, 176.518**, and the grayscale version is **88, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **68, 5.448, 356.037** is the 20% darker color. If you saturate the color by 10%, you get **82, 14.877, 358.550**, and if you desaturate by 10%, it is **94, 3.492, 176.784**.

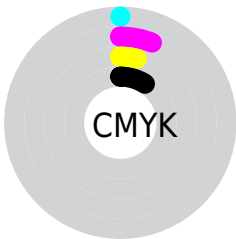
Distribution



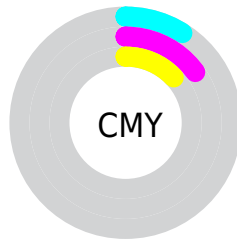
- Red (91%)
- Green (85%)
- Blue (87%)



- Red (91%)
- Yellow (85%)
- Blue (87%)



- Cyan (0%)
- Magenta (6%)
- Yellow (4%)
- Black (9%)



- Cyan (9%)
- Magenta (15%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 5.495, 357.429 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, 5.495, 357.429 by changing the saturation by 10% instead.

88, 5.495, 357.429

88, 5.495, 357.429

100, 5.495,
357.429

78, 5.495, 357.429

68, 5.495, 357.429

58, 5.495, 357.429

48, 5.495, 357.429

38, 5.495, 357.429

28, 5.495, 357.429

18, 5.495, 357.429

8, 5.495, 357.429

0, 5.495, 357.429

88, 5.495, 357.429

88, 5.495, 357.429

82, 14.877,
358.550

94, 3.492, 176.784

76, 24.594,
359.785

98, 8.105, 196.694

98, 8.083, 198.976

70, 34.510, 1.242

65, 44.394, 3.008

60, 53.905, 5.196

56, 62.616, 7.954

53, 70.098, 11.455

50, 76.102, 15.848

49, 80.755, 21.145

Harmonies

Complementary

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



88, 5.495, 357.429



91, 5.388, 176.518

Rectangle

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



88, 5.495, 357.429



88, 5.495, 47.429



88, 5.495, 177.429



88, 5.495, 227.429

Sweetspot

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



88, 5.493, 357.443



99, 1.950, 356.861



88, 8.141, 315.961



53, 1.109, 356.836



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, 5.493, 357.443



95, 6.890, 357.553



89, 4.317, 39.216



46, 4.110, 357.611



37, 67.519, 22.253



7, 26.648, 9.295

Inverse Universe

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



88, 5.493, 357.443



95, 6.890, 357.553



90, 4.162, 219.781



46, 4.110, 357.611



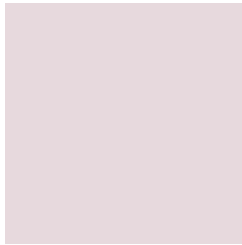
37, 67.519, 22.253



7, 26.648, 9.295

Previews

White Background



This preview shows how the CIELCh color 88, 5.495, 357.429 looks on a white background.

Color Contrast Check

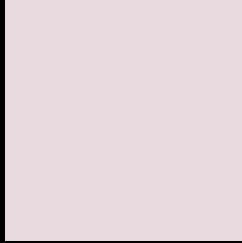
Large Text (above 18pt) WCAG AA × Fail

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, 5.495, 357.429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

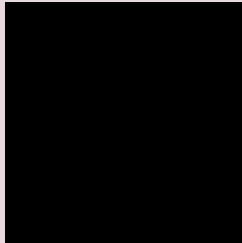
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

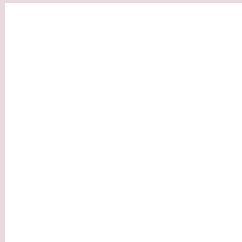
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 5.495, 357.429

Background



This preview shows how black text looks on a background with the CIELCh color 88, 5.495, 357.429.

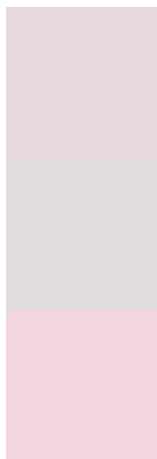


This preview shows how white text looks on a background with the CIELCh color 88, 5.495, 357.429.

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

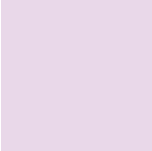
88, 5.495, 357.429

Protanopia

88, 2.143, 332.291

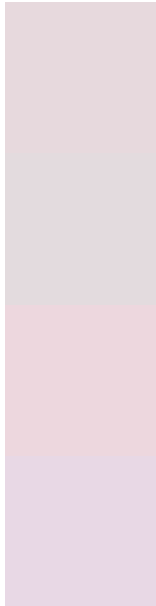
Deuteranopia

88, 10.683, 357.254



Tritanopia
88, 10.788, 324.816

Trichromacy



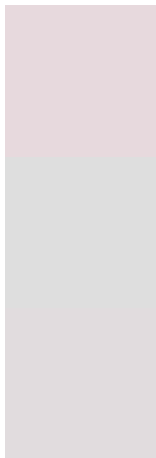
Original Color
88, 5.495, 357.429

Protanomaly
88, 3.296, 351.144

Deuteranomaly
88, 8.794, 355.536

Tritanomaly
88, 8.919, 330.482

Monochromacy



Original Color
88, 5.495, 357.429

Achromatopsia
88, 0.011, 296.813

Achromatomaly
88, 2.093, 349.380

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 5.495, 357.429 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(231, 217, 221)` looks like.

```
.text, #text, p{  
    color:rgb(231, 217, 221)  
}
```

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(231, 217, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 217, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 5.495, 357.429 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(231, 217, 221) }
```

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

```
.border{ border-color:rgb(231, 217, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 217, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 217, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 217, 221);  
box-shadow:4px 4px 4px 4px rgb(231, 217,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 5.495, 357.429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 217, 221) }
```

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

```
.background{ background-color: rgb(231,  
217, 221) }
```

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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