

Converting Colors

CIELCh(88, 4.399, 357.710)

Have a look what the booklet for
CIELCh(88, 4.399, 357.710) contains.

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Color

CIELCh(88, 4.286, 358.200)

Conversions

Conversions Part 1

Format	Color
Hex	E5DADD
RGB	229, 218, 221
RGB Percent	90%, 85%, 87%
CMY	0.1017, 0.1448, 0.1331
CMYK	0.00, 0.05, 0.03, 0.10
HSL	344°, 17%, 88%
HSV	344°, 5%, 90%
XYZ	70.4784, 72.0653, 78.6437
YIQ	221.6310, 5.5930, 3.2650

Conversions

Conversions Part 2

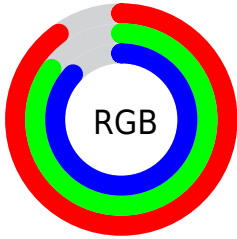
Format	Color
R _Y B	229, 218, 221
Decimal	15063773
CIE Lab	88.00, 4.28, -0.13
CIE LCh	88, 4.286, 358.200
Yxy	72.0653, 0.3186, 0.3258
Android (android.graphics.Color)	4293253853 (0xFFE5DADD)
YUV	221.6310, -0.3111, 6.4626
Hunter-Lab	84.8913, -0.3655, 4.4973

Details

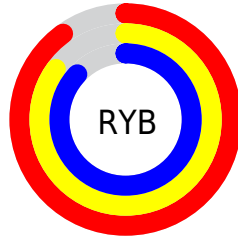
The CIELCh color `88, 4.286, 358.200` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `90, 4.213, 177.586`, and the grayscale version is `88, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `68, 4.525, 358.364` is the 20% darker color. If you saturate the color by 10%, you get `82, 13.496, 359.332`, and if you desaturate by 10%, it is `94, 4.518, 177.568`.

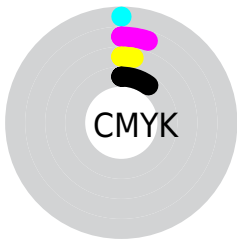
Distribution



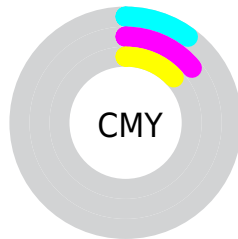
- Red (90%)
- Green (85%)
- Blue (87%)



- Red (90%)
- Yellow (85%)
- Blue (87%)



- Cyan (0%)
- Magenta (5%)
- Yellow (3%)
- Black (10%)



- Cyan (10%)
- Magenta (14%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 4.286, 358.200 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, 4.286, 358.200 by changing the saturation by 10% instead.

■ 88, 4.286, 358.200

■ 88, 4.286, 358.200

■ 100, 4.286,
358.200

■ 78, 4.286, 358.200

■ 68, 4.286, 358.200

■ 58, 4.286, 358.200

■ 48, 4.286, 358.200

■ 38, 4.286, 358.200

■ 28, 4.286, 358.200

■ 18, 4.286, 358.200

■ 8, 4.286, 358.200

■ 0, 4.286, 358.200

88, 4.286, 358.200

88, 4.286, 358.200

82, 13.496,
359.332

94, 4.518, 177.568

76, 23.065, 0.549

98, 8.853, 196.904

70, 32.869, 1.984

98, 8.832, 198.922

65, 42.700, 3.722

60, 52.241, 5.873

56, 61.080, 8.583

53, 68.795, 12.022

50, 75.110, 16.339

49, 80.093, 21.555

Harmonies

Complementary

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



88, 4.286, 358.200



90, 4.213, 177.586

Rectangle

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



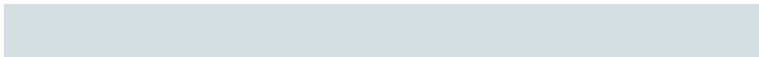
88, 4.286, 358.200



88, 4.286, 48.200



88, 4.286, 178.200



88, 4.286, 228.200

Sweetspot

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



88, 4.284, 358.218



99, 0.969, 357.387



88, 6.428, 316.428



53, 0.551, 357.351



0, 0.000, 0.000



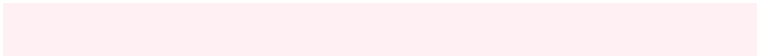
53, 0.007, 296.813

Same Dimension

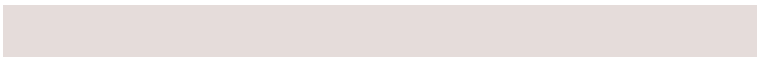
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88, 4.284, 358.218



96, 5.856, 358.363



89, 3.350, 41.114



46, 3.567, 358.429



37, 67.982, 23.397



7, 26.642, 9.985

Inverse Universe

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



88, 4.284, 358.218



96, 5.856, 358.363



90, 3.259, 221.769



46, 3.567, 358.429



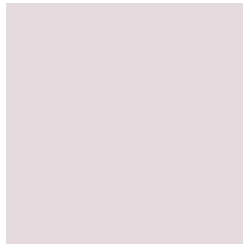
37, 67.982, 23.397



7, 26.642, 9.985

Previews

White Background



This preview shows how the CIELCh color 88, 4.286, 358.200 looks on a white background.

Color Contrast Check

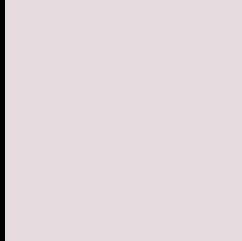
Large Text (above 18pt) WCAG AA × Fail

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, 4.286, 358.200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

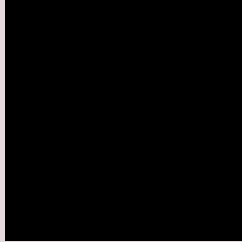
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

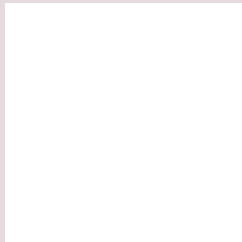
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 4.286, 358.200

Background



This preview shows how black text looks on a background with the CIELCh color 88, 4.286, 358.200.

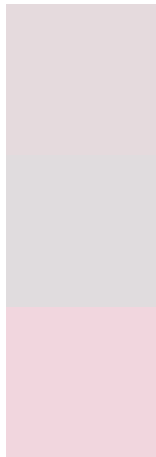


This preview shows how white text looks on a background with the CIELCh color 88, 4.286, 358.200.

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

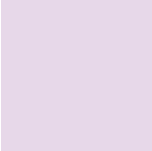
88, 4.286, 358.200

Protanopia

88, 1.791, 343.550

Deuteranopia

88, 10.683, 357.254



Tritanopia
88, 10.406, 321.538

Trichromacy



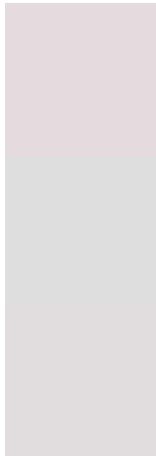
Original Color
88, 4.286, 358.200

Protanomaly
88, 2.984, 347.799

Deuteranomaly
88, 8.794, 355.536

Tritanomaly
88, 7.839, 326.867

Monochromacy



Original Color
88, 4.286, 358.200

Achromatopsia
88, 0.011, 296.813

Achromatomaly
88, 1.538, 359.330

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 4.286, 358.200 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(229, 218, 221)` looks like.

```
.text, #text, p{  
    color:rgb(229, 218, 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(229, 218, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 218, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 4.286, 358.200 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(229, 218, 221) }
```

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

```
.border{ border-color:rgb(229, 218, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 218, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 218, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 218, 221);  
box-shadow:4px 4px 4px 4px rgb(229, 218,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 4.286, 358.200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 218, 221) }
```

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

```
.background{ background-color: rgb(229,  
218, 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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