

Converting Colors

CIELCh(88, 1.505, 15.745)

Have a look what the booklet for
CIELCh(88, 1.505, 15.745) contains.

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Color

CIELCh(88, 1.441, 19.097)

Conversions

Conversions Part 1

Format	Color
Hex	E0DCDC
RGB	224, 220, 220
RGB Percent	88%, 86%, 86%
CMY	0.1223, 0.1380, 0.1380
CMYK	0.00, 0.02, 0.02, 0.12
HSL	0°, 6%, 87%
HSV	0°, 2%, 88%
XYZ	69.1220, 72.0653, 77.8495
YIQ	221.1960, 2.3840, 0.8480

Conversions

Conversions Part 2

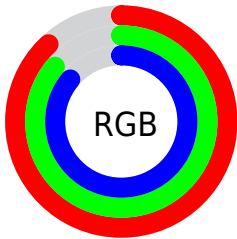
Format	Color
R_{YB}	224, 220, 220
Decimal	14736604
CIE Lab	88.00, 1.36, 0.47
CIE LCh	88, 1.441, 19.097
Yxy	72.0653, 0.3156, 0.3290
Android (android.graphics.Color)	4292926684 (0xFFE0DCDC)
YUV	221.1960, -0.5896, 2.4591
Hunter-Lab	84.8913, -3.2177, 5.0520

Details

The CIELCh color **88, 1.441, 19.097** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **89, 1.421, 199.808**, 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, 1.522, 19.226** is the 20% darker color. If you saturate the color by 10%, you get **82, 9.875, 20.196**, and if you desaturate by 10%, it is **94, 6.357, 199.168**.

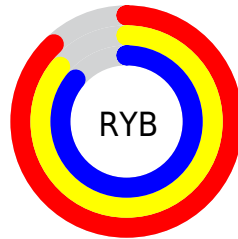
Distribution



Red (88%)

Green (86%)

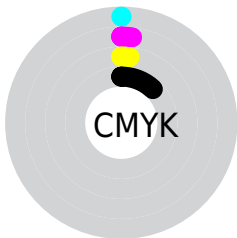
Blue (86%)



Red (88%)

Yellow (86%)

Blue (86%)

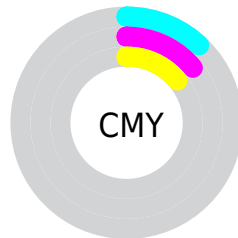


Cyan (0%)

Magenta (2%)

Yellow (2%)

Black (12%)



Cyan (12%)

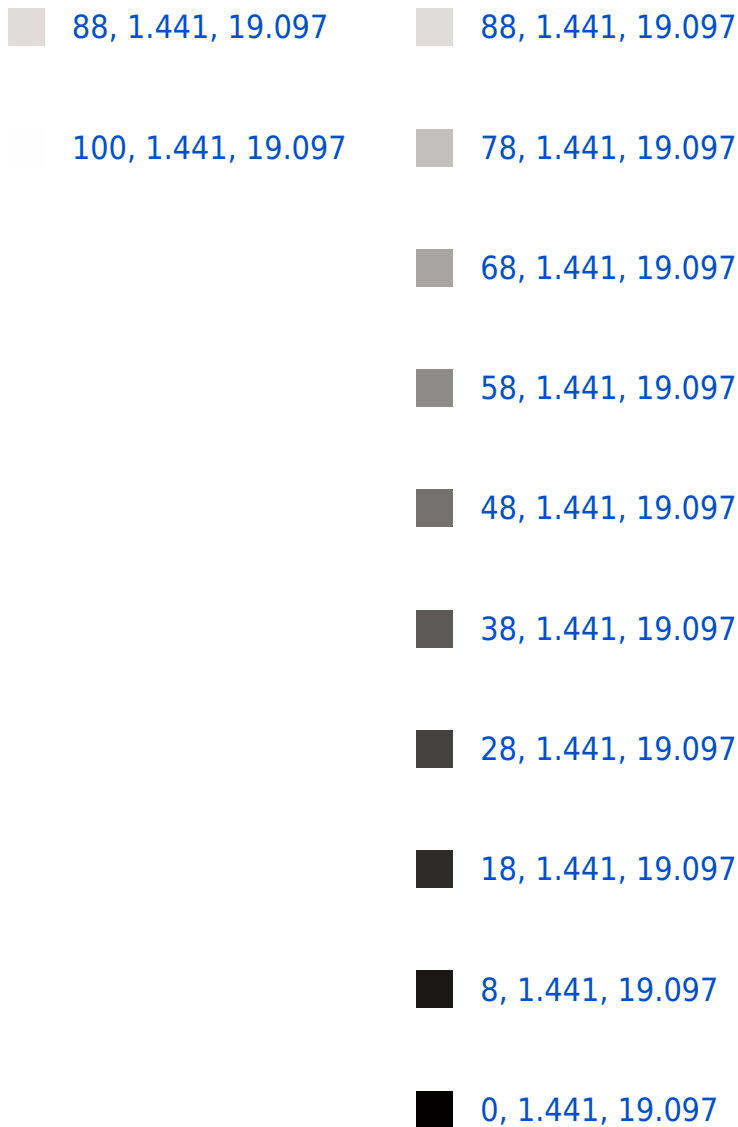
Magenta (14%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 1.441, 19.097 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, 1.441, 19.097 by changing the saturation by 10% instead.



88, 1.441, 19.097

88, 1.441, 19.097

82, 9.875, 20.196

94, 6.357, 199.168

76, 18.987, 21.084

98, 10.560,
198.802

70, 28.772, 22.214

65, 39.166, 23.687

60, 50.013, 25.612

55, 61.047, 28.096

52, 71.893, 31.190

49, 81.994, 34.732

47, 90.230, 38.059

Harmonies

Complementary

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



88, 1.441, 19.097



89, 1.421, 199.808

Rectangle

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



88, 1.441, 19.097



88, 1.441, 69.097



88, 1.441, 199.097



88, 1.441, 249.097

Sweetspot

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



88, 1.440, 19.175



99, 0.894, 18.806



88, 2.552, 324.430



53, 0.508, 18.764



0, 0.000, 0.000



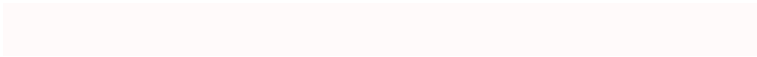
53, 0.007, 296.813

Same Dimension

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



88, 1.440, 19.175



99, 1.793, 19.236



89, 1.251, 74.885



47, 0.917, 19.204



36, 79.100, 39.963



6, 25.524, 20.985

Inverse Universe

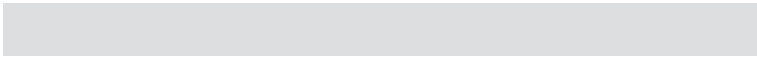
The Inverse Universe completely reimagines the original color for something new.



89, 1.421, 199.808



100, 1.768, 199.747



88, 1.261, 255.953



47, 0.905, 199.779



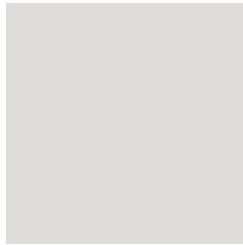
65, 37.888, 196.532



17, 15.567, 196.508

Previews

White Background



This preview shows how the CIELCh color 88, 1.441, 19.097 looks on a white background.

Color Contrast Check

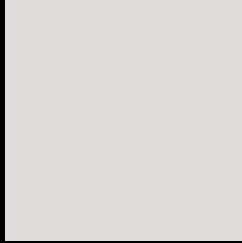
Large Text (above 18pt) WCAG AA × Fail

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, 1.441, 19.097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

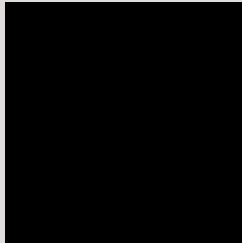
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

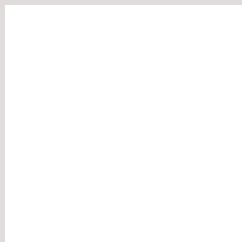
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 1.441, 19.097

Background



This preview shows how black text looks on a background with the CIELCh color 88, 1.441, 19.097.

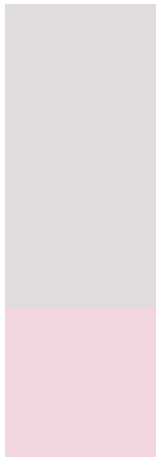


This preview shows how white text looks on a background with the CIELCh color 88, 1.441, 19.097.

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

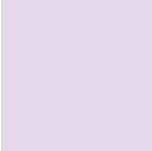
88, 1.441, 19.097

Protanopia

88, 1.803, 19.205

Deuteranopia

88, 10.850, 0.595



Tritanopia
88, 9.359, 308.353

Trichromacy



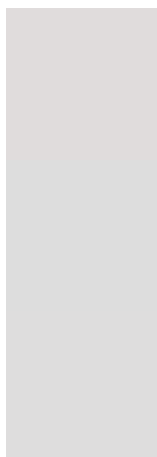
Original Color
88, 1.441, 19.097

Protanomaly
88, 1.803, 19.205

Deuteranomaly
88, 7.386, 359.259

Tritanomaly
88, 5.672, 312.635

Monochromacy



Original Color
88, 1.441, 19.097

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 0.360, 17.780

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 1.441, 19.097 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, 220, 220)` looks like.

```
.text, #text, p{  
    color:rgb(224, 220, 220)  
}
```

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, 220, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 220, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 1.441, 19.097 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, 220, 220) }
```

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

```
.border{ border-color:rgb(224, 220, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 220, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 220, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 220, 220);  
box-shadow:4px 4px 4px 4px rgb(224, 220,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 1.441, 19.097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 220, 220) }
```

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

```
.background{ background-color: rgb(224,  
220, 220) }
```

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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