

Converting Colors

CIELCh(88, 2.103, 19.993)

Have a look what the booklet for
CIELCh(88, 2.103, 19.993) contains.

CIELCh(88, 2.167, 19.288)	3
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Color

CIELCh(88, 2.167, 19.288)

Conversions

Conversions Part 1

Format	Color
Hex	E1DBDB
RGB	225, 219, 219
RGB Percent	88%, 86%, 86%
CMY	0.1161, 0.1397, 0.1397
CMYK	0.00, 0.03, 0.03, 0.12
HSL	0°, 9%, 87%
HSV	0°, 3%, 88%
XYZ	69.4378, 72.0653, 77.5309
YIQ	220.7940, 3.5760, 1.2720

Conversions

Conversions Part 2

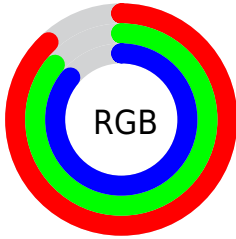
Format	Color
R _Y B	225, 219, 219
Decimal	14801883
CIE Lab	88.00, 2.05, 0.72
CIE LCh	88, 2.167, 19.288
Yxy	72.0653, 0.3170, 0.3290
Android (android.graphics.Color)	4292991963 (0xFFE1DBDB)
YUV	220.7940, -0.8844, 3.6887
Hunter-Lab	84.8913, -2.5537, 5.2746

Details

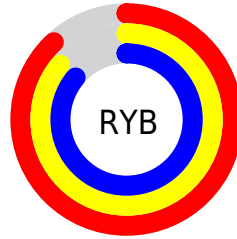
The CIELCh color **88, 2.167, 19.288** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **89, 2.128, 199.595**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **68, 2.290, 19.401** is the 20% darker color. If you saturate the color by 10%, you get **82, 10.710, 20.243**, and if you desaturate by 10%, it is **94, 5.732, 199.194**.

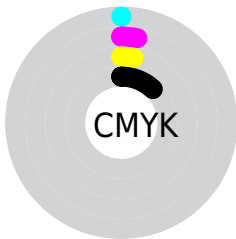
Distribution



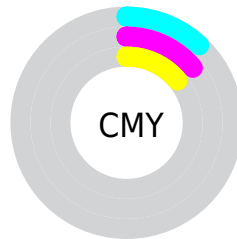
- Red (88%)
- Green (86%)
- Blue (86%)



- Red (88%)
- Yellow (86%)
- Blue (86%)



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 2.167, 19.288 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, 2.167, 19.288 by changing the saturation by 10% instead.



88, 2.167, 19.288

88, 2.167, 19.288

82, 10.710, 20.243

94, 5.732, 199.194

76, 19.937, 21.150

98, 10.046,
198.837

70, 29.839, 22.308

65, 40.342, 23.819

60, 51.281, 25.793

55, 62.379, 28.335

52, 73.244, 31.486

49, 83.291, 35.053

48, 91.303, 38.305

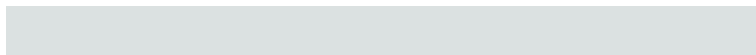
Harmonies

Complementary

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



88, 2.167, 19.288



89, 2.128, 199.595

Rectangle

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



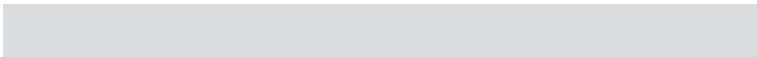
88, 2.167, 19.288



88, 2.167, 69.288



88, 2.167, 199.288



88, 2.167, 249.288

Sweetspot

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



88, 2.166, 19.341



99, 0.894, 18.781



88, 3.824, 324.514



53, 0.508, 18.739



0, 0.000, 0.000



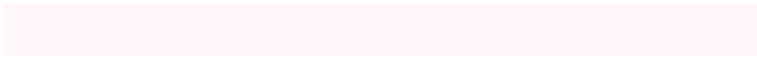
53, 0.007, 296.813

Same Dimension

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



88, 2.166, 19.341



98, 2.700, 19.396



89, 1.882, 74.884



46, 1.848, 19.491



36, 79.104, 39.960



6, 25.529, 20.970

Inverse Universe

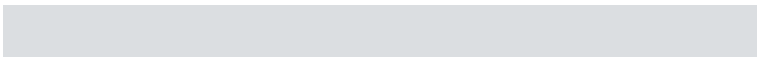
The Inverse Universe completely reimagines the original color for something new.



89, 2.128, 199.595



99, 2.648, 199.542



88, 1.886, 255.958



47, 1.805, 199.450



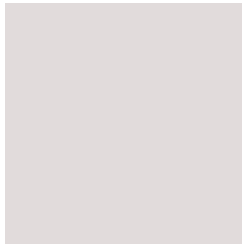
65, 37.904, 196.485



17, 15.573, 196.469

Previews

White Background



This preview shows how the CIELCh color 88, 2.167, 19.288 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, 2.167, 19.288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

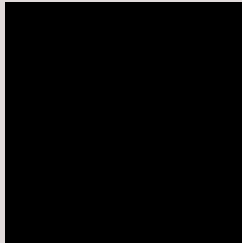
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

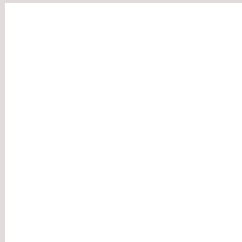
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 2.167, 19.288

Background



This preview shows how black text looks on a background with the CIELCh color 88, 2.167, 19.288.

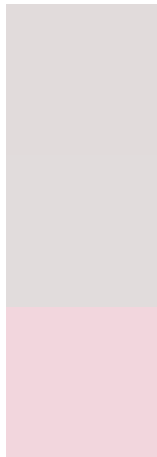


This preview shows how white text looks on a background with the CIELCh color 88, 2.167, 19.288.

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, 2.167, 19.288

Protanopia

88, 1.803, 19.205

Deuteranopia

88, 10.850, 0.595



Tritanopia
88, 9.744, 314.316

Trichromacy



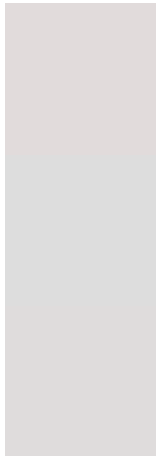
Original Color
88, 2.167, 19.288

Protanomaly
88, 1.803, 19.205

Deuteranomaly
88, 7.579, 3.968

Tritanomaly
88, 6.616, 319.532

Monochromacy



Original Color
88, 2.167, 19.288

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 1.080, 18.934

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 2.167, 19.288 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(225, 219, 219)` looks like.

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

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

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

Border

The CSS property to change the border of an element to CIELCh 88, 2.167, 19.288 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(225, 219, 219) }
```

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

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

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

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

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

Background

The CSS property to change the background color of an element to CIELCh 88, 2.167, 19.288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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