

Converting Colors

CIELCh(88, 1.271, 335.547)

Have a look what the booklet for
CIELCh(88, 1.271, 335.547) contains.

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Color

CIELCh(88, 1.516, 335.510)

Conversions

Conversions Part 1

Format	Color
Hex	DFDCDE
RGB	223, 220, 222
RGB Percent	87%, 86%, 87%
CMY	0.1259, 0.1377, 0.1298
CMYK	0.00, 0.01, 0.00, 0.13
HSL	320°, 4%, 87%
HSV	320°, 1%, 87%
XYZ	69.1302, 72.0653, 79.2947
YIQ	221.1250, 1.1460, 1.2580

Conversions

Conversions Part 2

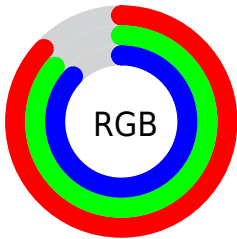
Format	Color
R _Y B	223, 220, 222
Decimal	14671070
CIE Lab	88.00, 1.38, -0.63
CIE LCh	88, 1.516, 335.510
Yxy	72.0653, 0.3135, 0.3268
Android (android.graphics.Color)	4292861150 (0xFFDFDCDE)
YUV	221.1250, 0.4314, 1.6444
Hunter-Lab	84.8913, -3.2003, 4.0426

Details

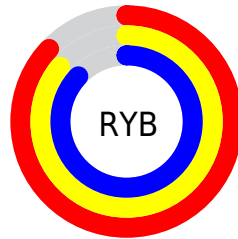
The CIELCh color **88, 1.516, 335.510** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **89, 1.496, 155.842**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **68, 1.596, 335.596** is the 20% darker color. If you saturate the color by 10%, you get **82, 12.838, 336.461**, and if you desaturate by 10%, it is **94, 9.563, 155.149**.

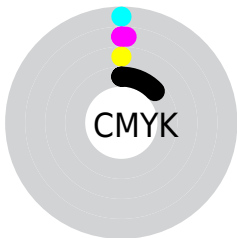
Distribution



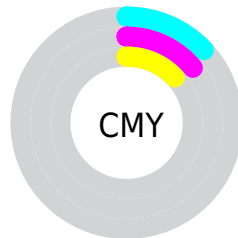
- Red (87%)
- Green (86%)
- Blue (87%)



- Red (87%)
- Yellow (86%)
- Blue (87%)



- Cyan (0%)
- Magenta (1%)
- Yellow (0%)
- Black (13%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 1.516, 335.510 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, 1.516, 335.510 by changing the saturation by 10% instead.

■ 88, 1.516, 335.510

■ 88, 1.516, 335.510

100, 1.516,
335.510

■ 78, 1.516, 335.510

■ 68, 1.516, 335.510

■ 58, 1.516, 335.510

■ 48, 1.516, 335.510

■ 38, 1.516, 335.510

■ 28, 1.516, 335.510

■ 18, 1.516, 335.510

■ 8, 1.516, 335.510

■ 0, 1.516, 335.510

88, 1.516, 335.510

88, 1.516, 335.510

82, 12.838,
336.461

94, 9.563, 155.149

77, 24.298,
337.239

97, 14.676,
159.177

71, 35.712,
338.069

98, 12.455,
172.366

66, 46.798,
338.969

98, 11.097,
189.847

62, 57.160,
339.962

98, 10.863,
198.781

58, 66.292,
341.083

54, 73.626,
342.382

52, 78.651,
343.933

■ 50, 81.099,
345.826

Harmonies

Complementary

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



88, 1.516, 335.510



89, 1.496, 155.842

Rectangle

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



88, 1.516, 335.510



88, 1.516, 25.510



88, 1.516, 155.510



88, 1.516, 205.510

Sweetspot

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



88, 1.514, 335.526

100, 0.012, 296.813



88, 1.619, 303.079



53, 0.007, 296.813



0, 0.000, 0.000

Same Dimension

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



88, 1.514, 335.526



99, 2.509, 335.656



88, 1.115, 5.439



47, 1.284, 335.636



39, 68.506, 347.355



7, 28.771, 343.386

Inverse Universe

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



88, 1.514, 335.526



99, 2.509, 335.656



89, 1.101, 186.221



47, 1.284, 335.636



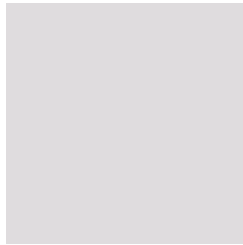
39, 68.506, 347.355



7, 28.771, 343.386

Previews

White Background



This preview shows how the CIELCh color 88, 1.516, 335.510 looks on a white background.

Color Contrast Check

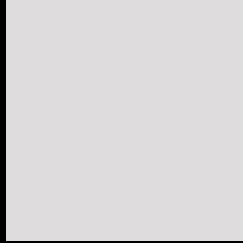
Large Text (above 18pt) WCAG AA × Fail

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, 1.516, 335.510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

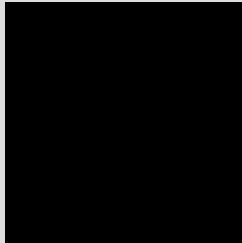
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

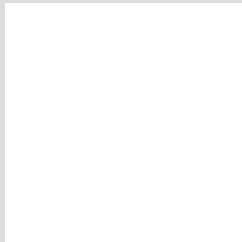
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 1.516, 335.510

Background



This preview shows how black text looks on a background with the CIELCh color 88, 1.516, 335.510.

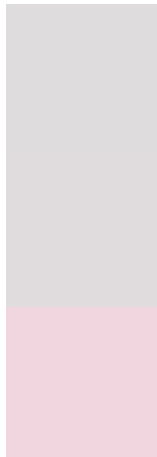


This preview shows how white text looks on a background with the CIELCh color 88, 1.516, 335.510.

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, 1.516, 335.510

Protanopia

88, 1.791, 343.550

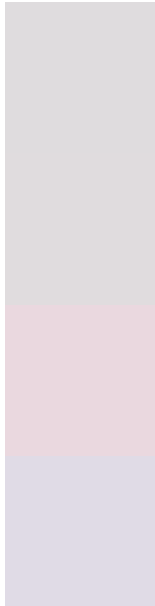
Deuteranopia

88, 10.885, 354.718



Tritanopia
88, 9.256, 306.275

Trichromacy



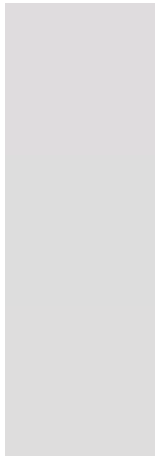
Original Color
88, 1.516, 335.510

Protanomaly
88, 1.791, 343.550

Deuteranomaly
88, 7.484, 350.738

Tritanomaly
88, 6.041, 307.666

Monochromacy



Original Color
88, 1.516, 335.510

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, 1.516, 335.510 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(223, 220, 222)` looks like.

```
.text, #text, p{  
    color:rgb(223, 220, 222)  
}
```

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(223, 220, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 220, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 1.516, 335.510 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(223, 220, 222) }
```

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

```
.border{ border-color:rgb(223, 220, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 220, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 220, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 220, 222);  
box-shadow:4px 4px 4px 4px rgb(223, 220,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 1.516, 335.510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 220, 222) }
```

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

```
.background{ background-color: rgb(223,  
220, 222) }
```

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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