

Converting Colors

CIELCh(88, 4.407, 161.256)

Have a look what the booklet for
CIELCh(88, 4.407, 161.256) contains.

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Color

CIELCh(88, 4.451, 163.382)

Conversions

Conversions Part 1

Format	Color
Hex	D5DFDA
RGB	213, 223, 218
RGB Percent	84%, 87%, 85%
CMY	0.1643, 0.1250, 0.1447
CMYK	0.04, 0.00, 0.02, 0.13
HSL	150°, 14%, 86%
HSV	150°, 4%, 87%
XYZ	66.5593, 72.0653, 76.8075
YIQ	219.4400, -4.3550, -3.6750

Conversions

Conversions Part 2

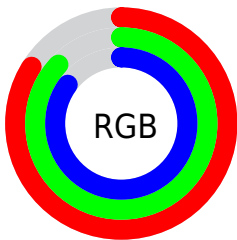
Format	Color
R _Y B	213, 220, 223
Decimal	14016474
CIE Lab	88.00, -4.27, 1.27
CIE LCh	88, 4.451, 163.382
Yxy	72.0653, 0.3090, 0.3345
Android (android.graphics.Color)	4292206554 (0xFFD5DFDA)
YUV	219.4400, -0.7099, -5.6479
Hunter-Lab	84.8913, -8.6061, 5.7797

Details

The CIELCh color `88, 4.451, 163.382` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `86, 4.491, 343.911`, 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, 4.695, 163.245` is the 20% darker color. If you saturate the color by 10%, you get `86, 14.407, 162.426`, and if you desaturate by 10%, it is `90, 5.473, 343.989`.

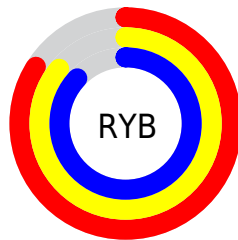
Distribution



Red (84%)

Green (87%)

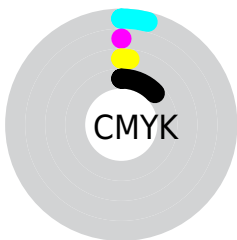
Blue (85%)



Red (84%)

Yellow (86%)

Blue (87%)

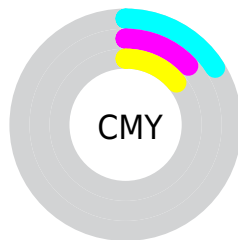


Cyan (4%)

Magenta (0%)

Yellow (2%)

Black (13%)



Cyan (16%)

Magenta (13%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 4.451, 163.382 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, 4.451, 163.382 by changing the saturation by 10% instead.

■ 88, 4.451, 163.382

■ 88, 4.451, 163.382

■ 100, 4.451,
163.382

■ 78, 4.451, 163.382

■ 68, 4.451, 163.382

■ 58, 4.451, 163.382

■ 48, 4.451, 163.382

■ 38, 4.451, 163.382

■ 28, 4.451, 163.382

■ 18, 4.451, 163.382

■ 8, 4.451, 163.382

■ 0, 4.451, 163.382

88, 4.451, 163.382

88, 4.451, 163.382

86, 14.407,
162.426

90, 5.473, 343.989

85, 24.273,
161.437

92, 14.498,
342.395

83, 33.912,
160.337

92, 18.540,
328.197

82, 43.160,
159.098

92, 19.948,
325.118

81, 51.849,
157.694

80, 59.815,
156.101

79, 66.927,
154.299

79, 73.116,
152.283

■ 79, 78.395,
150.070

Harmonies

Complementary

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



88, 4.451, 163.382



86, 4.491, 343.911

Rectangle

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



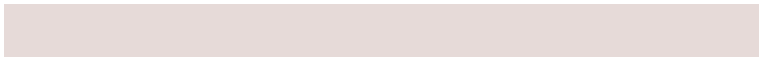
88, 4.451, 163.382



88, 4.451, 213.382



88, 4.451, 343.382



88, 4.451, 33.382

Sweetspot

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



88, 4.453, 163.372



100, 1.099, 164.002



88, 5.504, 128.308



53, 0.625, 164.029



0, 0.000, 0.000



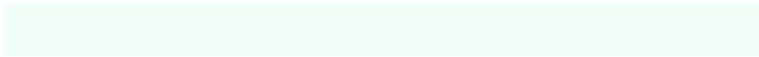
53, 0.007, 296.813

Same Dimension

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



88, 4.453, 163.372



99, 5.535, 163.315



88, 3.547, 197.918



47, 3.401, 163.252



63, 67.304, 149.224



17, 25.309, 153.706

Inverse Universe

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



86, 4.491, 343.911



97, 5.584, 343.968



86, 3.646, 18.144



45, 3.432, 344.031



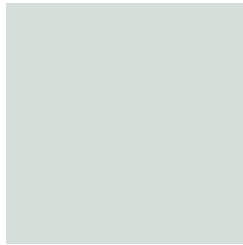
38, 64.178, 1.815



6, 26.432, 354.720

Previews

White Background



This preview shows how the CIELCh color 88, 4.451, 163.382 looks on a white background.

Color Contrast Check

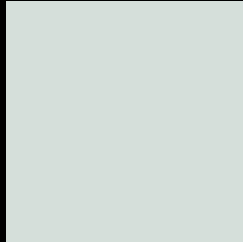
Large Text (above 18pt) WCAG AA × Fail

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, 4.451, 163.382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

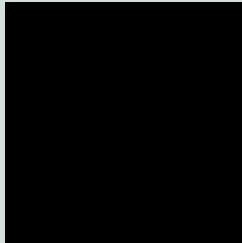
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

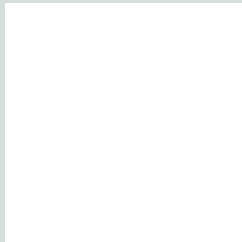
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 4.451, 163.382

Background



This preview shows how black text looks on a background with the CIELCh color 88, 4.451, 163.382.

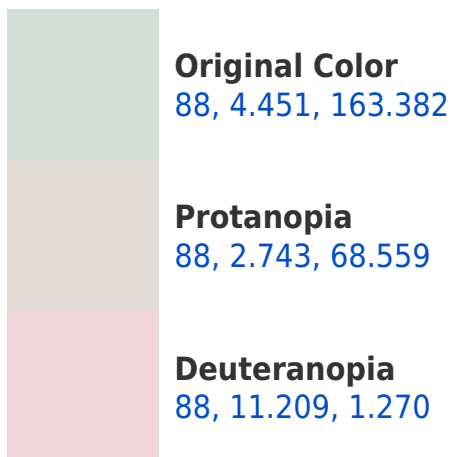


This preview shows how white text looks on a background with the CIELCh color 88, 4.451, 163.382.

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





Tritanopia
88, 9.481, 282.586

Trichromacy



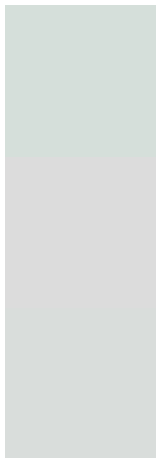
Original Color
88, 4.451, 163.382

Protanomaly
88, 2.074, 109.972

Deuteranomaly
88, 5.196, 8.119

Tritanomaly
88, 5.596, 268.607

Monochromacy



Original Color
88, 4.451, 163.382

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 1.778, 163.750

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 4.451, 163.382 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(213, 223, 218)` looks like.

```
.text, #text, p{  
    color:rgb(213, 223, 218)  
}
```

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(213, 223, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 223, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 4.451, 163.382 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(213, 223, 218) }
```

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

```
.border{ border-color:rgb(213, 223, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 223, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 223, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 223, 218);  
box-shadow:4px 4px 4px 4px rgb(213, 223,  
218) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 4.451, 163.382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 223, 218) }
```

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

```
.background{ background-color: rgb(213,  
223, 218) }
```

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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