

Converting Colors

CIE LCh(88, 5.103, 182.815)

Have a look what the booklet for
CIELCh(88, 5.103, 182.815) contains.

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Color

CIELCh(88, 5.226, 181.713)

Conversions

Conversions Part 1

Format	Color
Hex	D2E0DD
RGB	210, 224, 221
RGB Percent	82%, 88%, 87%
CMY	0.1773, 0.1224, 0.1342
CMYK	0.06, 0.00, 0.01, 0.12
HSL	167°, 18%, 85%
HSV	167°, 6%, 88%
XYZ	66.1292, 72.0653, 78.6721
YIQ	219.4720, -7.3810, -3.9010

Conversions

Conversions Part 2

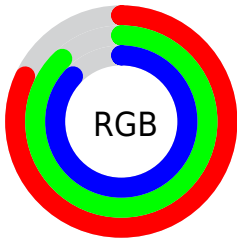
Format	Color
RYB	210, 218, 224
Decimal	13820125
CIELab	88.00, -5.22, -0.16
CIELCh	88, 5.226, 181.713
Yxy	72.0653, 0.3049, 0.3323
Android (android.graphics.Color)	4292010205 (0xFFD2E0DD)
YUV	219.4720, 0.7533, -8.3069
Hunter-Lab	84.8913, -9.5106, 4.4775

Details

The CIELCh color **88, 5.226, 181.713** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **85, 5.357, 2.630**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **68, 5.149, 180.335** is the 20% darker color. If you saturate the color by 10%, you get **86, 13.412, 180.704**, and if you desaturate by 10%, it is **90, 3.163, 2.304**.

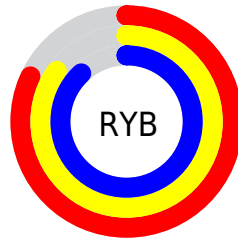
Distribution



Red (82%)

Green (88%)

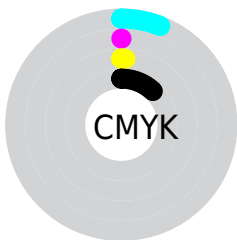
Blue (87%)



Red (82%)

Yellow (85%)

Blue (88%)

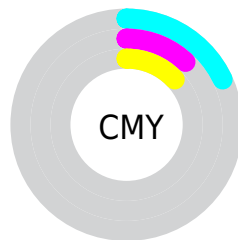


Cyan (6%)

Magenta (0%)

Yellow (1%)

Black (12%)



Cyan (18%)

Magenta (12%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 5.226, 181.713 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, 5.226, 181.713 by changing the saturation by 10% instead.

■ 88, 5.226, 181.713

■ 88, 5.226, 181.713

■ 100, 5.226,
181.713

■ 78, 5.226, 181.713

■ 68, 5.226, 181.713

■ 58, 5.226, 181.713

■ 48, 5.226, 181.713

■ 38, 5.226, 181.713

■ 28, 5.226, 181.713

■ 18, 5.226, 181.713

■ 8, 5.226, 181.713

■ 0, 5.226, 181.713

88, 5.226, 181.713

88, 5.226, 181.713

86, 13.412,
180.704

90, 3.163, 2.304

85, 21.268,
179.704

92, 11.658, 3.278

84, 28.661,
178.647

92, 12.694,
352.746

83, 35.449,
177.509

92, 13.963,
343.654

82, 41.494,
176.271

92, 15.533,
336.273

81, 46.684,
174.908

92, 17.322,
330.368

80, 50.949,
173.396

92, 19.268,
325.650

80, 54.283,
171.714

92, 19.533,
325.103

■ 80, 56.764,
169.855

Harmonies

Complementary

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



88, 5.226, 181.713



85, 5.357, 2.630

Rectangle

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



88, 5.226, 181.713



88, 5.226, 231.713



88, 5.226, 1.713



88, 5.226, 51.713

Sweetspot

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



88, 5.228, 181.698



100, 1.863, 182.299



88, 8.339, 138.058



53, 1.059, 182.325



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

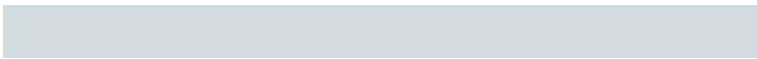
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88, 5.228, 181.698



98, 7.418, 181.510



87, 4.069, 230.039



46, 4.739, 181.371



64, 47.899, 169.479



17, 18.825, 173.032

Inverse Universe

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



85, 5.357, 2.630



95, 7.650, 2.829



86, 4.207, 48.999



44, 4.912, 2.980



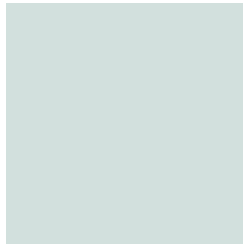
37, 69.575, 28.130



6, 25.281, 11.855

Previews

White Background



This preview shows how the CIELCh color 88, 5.226, 181.713 looks on a white background.

Color Contrast Check

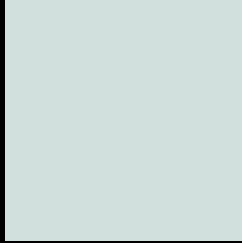
Large Text (above 18pt) WCAG AA × Fail

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, 5.226, 181.713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

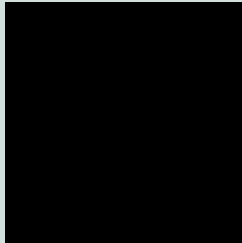
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

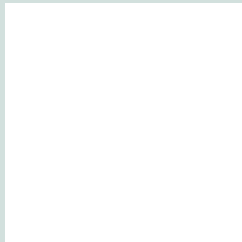
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 5.226, 181.713

Background



This preview shows how black text looks on a background with the CIELCh color 88, 5.226, 181.713.

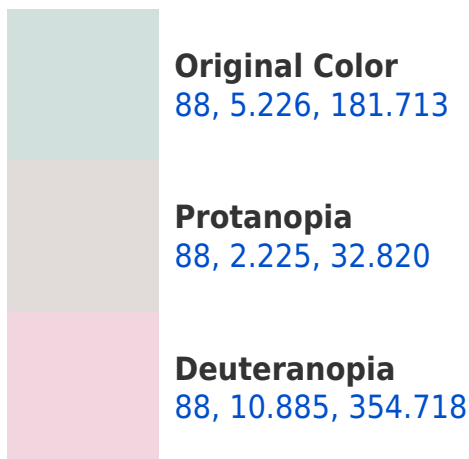


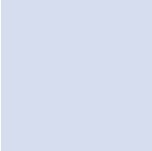
This preview shows how white text looks on a background with the CIELCh color 88, 5.226, 181.713.

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](#).

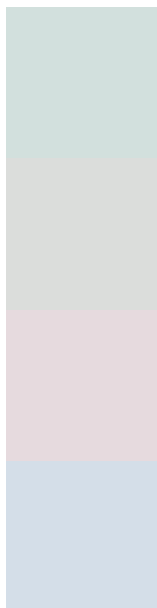
Dichromacy





Tritanopia
88, 9.740, 274.573

Trichromacy



Original Color
88, 5.226, 181.713

Protanomaly
88, 1.265, 144.612

Deuteranomaly
88, 4.826, 354.066

Tritanomaly
88, 6.217, 256.603

Monochromacy



Original Color
88, 5.226, 181.713

Achromatopsia
87, 0.010, 296.813

Achromatomaly
88, 1.865, 183.345

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 5.226, 181.713 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(210, 224, 221)` looks like.

```
.text, #text, p{  
    color:rgb(210, 224, 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(210, 224, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 224, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 5.226, 181.713 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(210, 224, 221) }
```

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

```
.border{ border-color:rgb(210, 224, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 224, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 224, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 224, 221);  
box-shadow:4px 4px 4px 4px rgb(210, 224,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 5.226, 181.713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 224, 221) }
```

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

```
.background{ background-color: rgb(210,  
224, 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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