

Converting Colors

CIELCh(88, 7.012, 168.354)

Have a look what the booklet for
CIELCh(88, 7.012, 168.354) contains.

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Color

CIELCh(88, 7.111, 168.095)

Conversions

Conversions Part 1

Format	Color
Hex	D0E1DA
RGB	208, 225, 218
RGB Percent	82%, 88%, 85%
CMY	0.1857, 0.1190, 0.1465
CMYK	0.08, 0.00, 0.03, 0.12
HSL	155°, 22%, 85%
HSV	155°, 8%, 88%
XYZ	65.3556, 72.0653, 76.5568
YIQ	219.1190, -7.8850, -5.7810

Conversions

Conversions Part 2

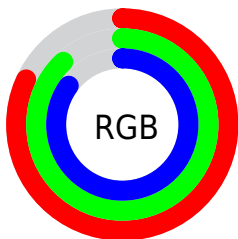
Format	Color
R_{YB}	208, 219, 225
Decimal	13689306
CIE _{Lab}	88.00, -6.96, 1.47
CIE _{LCh}	88, 7.111, 168.095
Y _{xy}	72.0653, 0.3054, 0.3368
Android (android.graphics.Color)	4291879386 (0xFFD0E1DA)
YUV	219.1190, -0.5517, -9.7514
Hunter-Lab	84.8913, -11.1372, 5.9549

Details

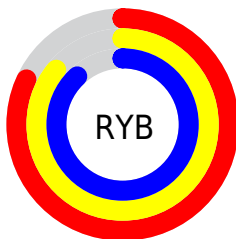
The CIELCh color **88, 7.111, 168.095** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **85, 7.221, 349.301**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **68, 7.177, 166.406** is the 20% darker color. If you saturate the color by 10%, you get **86, 16.459, 167.097**, and if you desaturate by 10%, it is **90, 2.296, 348.686**.

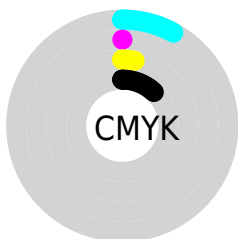
Distribution



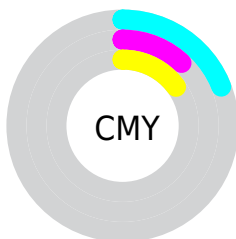
- Red (82%)
- Green (88%)
- Blue (85%)



- Red (82%)
- Yellow (86%)
- Blue (88%)



- Cyan (8%)
- Magenta (0%)
- Yellow (3%)
- Black (12%)





- Cyan (19%)
- Magenta (12%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 7.111, 168.095 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, 7.111, 168.095 by changing the saturation by 10% instead.


 88, 7.111, 168.095

 88, 7.111, 168.095

 100, 7.111,
168.095

 78, 7.111, 168.095

 68, 7.111, 168.095

 58, 7.111, 168.095

 48, 7.111, 168.095

 38, 7.111, 168.095

 28, 7.111, 168.095

 18, 7.111, 168.095

 8, 7.111, 168.095

 0, 7.111, 168.095

88, 7.111, 168.095

88, 7.111, 168.095

86, 16.459,
167.097

90, 2.296, 348.686

85, 25.621,
166.038

92, 11.668,
349.661

83, 34.455,
164.870

92, 15.217,
335.750

82, 42.803,
163.568

93, 18.839,
325.380


81, 50.509,
162.104

93, 18.980,
325.084

81, 57.432,
160.453

80, 63.479,
158.596

80, 68.621,
156.523

 79, 72.941,
154.264

Harmonies

Complementary

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



88, 7.111, 168.095



85, 7.221, 349.301

Rectangle

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



88, 7.111, 168.095



88, 7.111, 218.095



88, 7.111, 348.095



88, 7.111, 38.095

Sweetspot

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



88, 7.113, 168.088



100, 2.079, 168.767



88, 9.579, 131.624



53, 1.182, 168.789



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, 7.113, 168.088



98, 9.374, 167.939



88, 5.507, 206.873



46, 5.331, 167.902



63, 61.125, 154.128



17, 23.192, 158.560

Inverse Universe

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



85, 7.221, 349.301



94, 9.540, 349.452



85, 5.782, 27.091



44, 5.429, 349.491



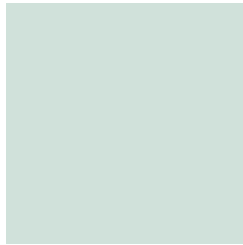
37, 64.068, 10.315



6, 25.752, 0.959

Previews

White Background



This preview shows how the CIELCh color 88, 7.111, 168.095 looks on a white background.

Color Contrast Check

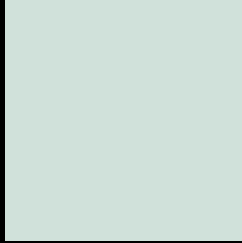
Large Text (above 18pt) WCAG AA × Fail

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, 7.111, 168.095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

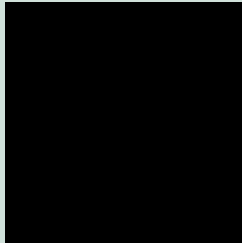
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

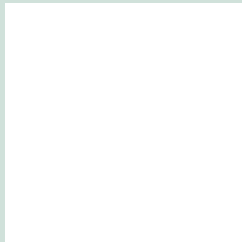
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 7.111, 168.095

Background



This preview shows how black text looks on a background with the CIELCh color 88, 7.111, 168.095.

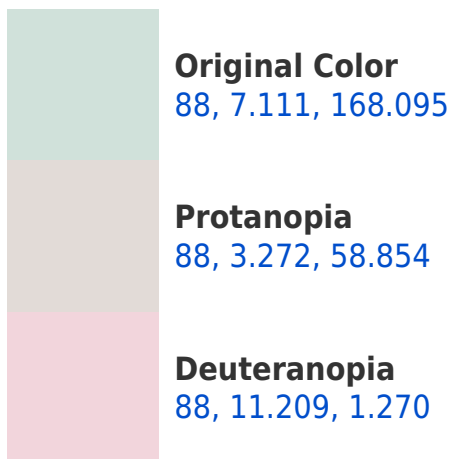


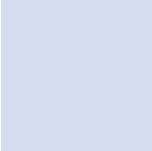
This preview shows how white text looks on a background with the CIELCh color 88, 7.111, 168.095.

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](#).

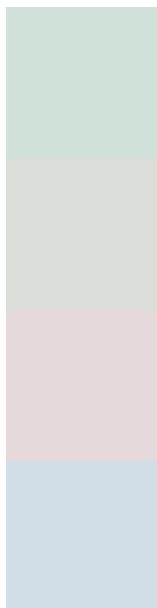
Dichromacy





Tritanopia
88, 9.938, 270.789

Trichromacy



Original Color
88, 7.111, 168.095

Protanomaly
88, 2.703, 125.426

Deuteranomaly
88, 4.838, 7.211

Tritanomaly
88, 6.223, 248.465

Monochromacy



Original Color
88, 7.111, 168.095

Achromatopsia
87, 0.010, 296.813

Achromatomaly
88, 2.395, 173.656

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 7.111, 168.095 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(208, 225, 218)` looks like.

```
.text, #text, p{  
    color:rgb(208, 225, 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(208, 225, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 225, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 7.111, 168.095 is called "border". The border property can be set on classes, ids or directly on the HTML element.

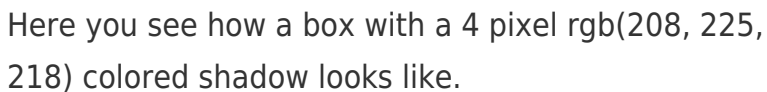
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(208, 225, 218) }
```

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

```
.border{ border-color:rgb(208, 225, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(208, 225, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(208, 225, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(208, 225, 218); box-shadow:4px 4px 4px 4px rgb(208, 225, 218) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 7.111, 168.095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 225, 218) }
```

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

```
.background{ background-color: rgb(208,  
225, 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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