

Converting Colors

CIELCh(88, 7.678, 157.872)

Have a look what the booklet for
CIELCh(88, 7.678, 157.872) contains.

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Color

CIELCh(88, 7.796, 157.008)

Conversions

Conversions Part 1

Format	Color
Hex	D1E1D7
RGB	209, 225, 215
RGB Percent	82%, 88%, 84%
CMY	0.1817, 0.1189, 0.1582
CMYK	0.07, 0.00, 0.04, 0.12
HSL	142°, 21%, 85%
HSV	142°, 7%, 88%
XYZ	65.2585, 72.0653, 74.5367
YIQ	219.0760, -6.3260, -6.5020

Conversions

Conversions Part 2

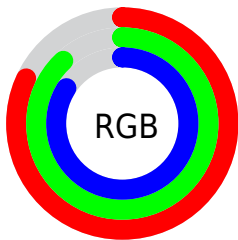
Format	Color
R _Y B	209, 221, 225
Decimal	13754839
CIE Lab	88.00, -7.18, 3.05
CIE LCh	88, 7.796, 157.008
Yxy	72.0653, 0.3080, 0.3402
Android (android.graphics.Color)	4291944919 (0xFFD1E1D7)
YUV	219.0760, -2.0095, -8.8367
Hunter-Lab	84.8913, -11.3413, 7.3658

Details

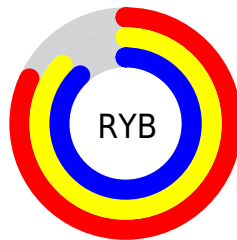
The CIELCh color **88, 7.796, 157.008** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **85, 7.848, 337.954**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **68, 7.949, 155.079** is the 20% darker color. If you saturate the color by 10%, you get **86, 18.808, 156.151**, and if you desaturate by 10%, it is **90, 3.146, 337.558**.

Distribution



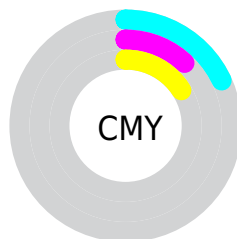
- Red (82%)
- Green (88%)
- Blue (84%)



- Red (82%)
- Yellow (87%)
- Blue (88%)



- Cyan (7%)
- Magenta (0%)
- Yellow (4%)
- Black (12%)



- Cyan (18%)
- Magenta (12%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 7.796, 157.008 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, 7.796, 157.008 by changing the saturation by 10% instead.

■ 88, 7.796, 157.008

■ 88, 7.796, 157.008

■ 100, 7.796,
157.008

■ 78, 7.796, 157.008

■ 68, 7.796, 157.008

■ 58, 7.796, 157.008

■ 48, 7.796, 157.008

■ 38, 7.796, 157.008

■ 28, 7.796, 157.008

■ 18, 7.796, 157.008

■ 8, 7.796, 157.008

■ 0, 7.796, 157.008

88, 7.796, 157.008

88, 7.796, 157.008

86, 18.808,
156.151

90, 3.146, 337.558

85, 29.754,
155.207

92, 13.927,
338.307

83, 40.476,
154.134

93, 18.972,
325.083


82, 50.789,
152.906

81, 60.493,
151.500

80, 69.395,
149.898

79, 77.337,
148.093

79, 84.218,
146.101

 79, 90.033,
143.980

Harmonies

Complementary

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



88, 7.796, 157.008



85, 7.848, 337.954

Rectangle

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



88, 7.796, 157.008



88, 7.796, 207.008



88, 7.796, 337.008



88, 7.796, 27.008

Sweetspot

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



88, 7.798, 157.004



100, 2.415, 157.517



89, 8.596, 123.926



53, 1.372, 157.534



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, 7.798, 157.004



98, 10.933, 156.841



88, 5.773, 187.976



46, 6.219, 156.810



63, 75.646, 143.769



16, 28.303, 148.093

Inverse Universe

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



85, 7.848, 337.954



94, 11.011, 338.112



85, 5.973, 8.983



44, 6.265, 338.143



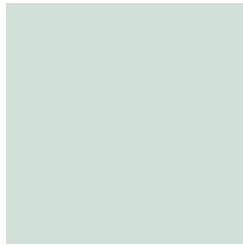
38, 66.991, 350.663



7, 28.081, 345.950

Previews

White Background



This preview shows how the CIELCh color 88, 7.796, 157.008 looks on a white background.

Color Contrast Check

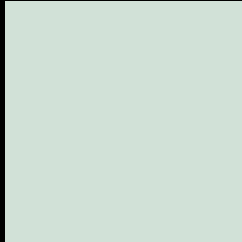
Large Text (above 18pt) WCAG AA × Fail

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, 7.796, 157.008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

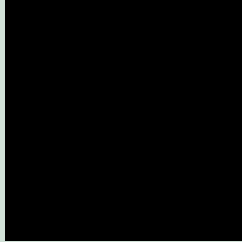
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

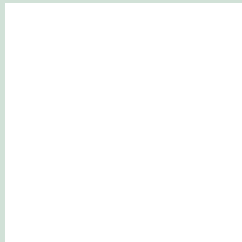
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 7.796, 157.008

Background



This preview shows how black text looks on a background with the CIELCh color 88, 7.796, 157.008.

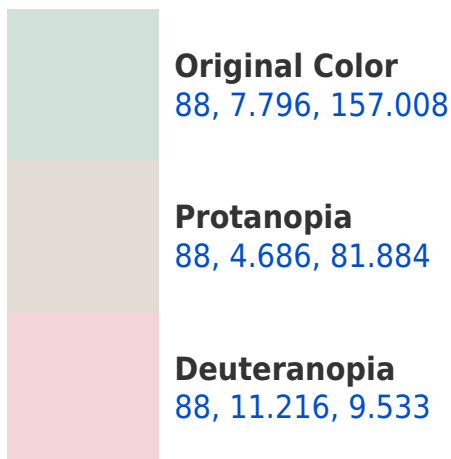


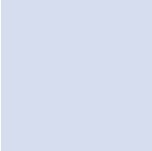
This preview shows how white text looks on a background with the CIELCh color 88, 7.796, 157.008.

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



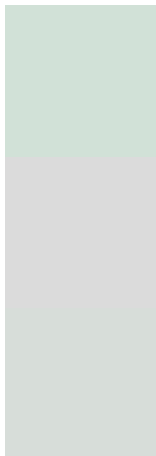
Original Color
88, 7.796, 157.008

Protanomaly
88, 4.740, 118.591

Deuteranomaly
88, 5.129, 25.473

Tritanomaly
88, 5.618, 247.462

Monochromacy



Original Color
88, 7.796, 157.008

Achromatopsia
87, 0.010, 296.813

Achromatomaly
88, 3.013, 155.601

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 7.796, 157.008 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(209, 225, 215)` looks like.

```
.text, #text, p{  
    color:rgb(209, 225, 215)  
}
```

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(209, 225, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 225, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 7.796, 157.008 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(209, 225, 215) }
```

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

```
.border{ border-color:rgb(209, 225, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 225, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 225, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 225, 215);  
box-shadow:4px 4px 4px 4px rgb(209, 225,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 7.796, 157.008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 225, 215) }
```

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

```
.background{ background-color: rgb(209,  
225, 215) }
```

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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