

Converting Colors

CIELCh(88, 12.637, 127.208)

Have a look what the booklet for
CIELCh(88, 12.637, 127.208)
contains.

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Color

CIELCh(88, 12.537, 126.282)

Conversions

Conversions Part 1

Format	Color
Hex	D6E0C9
RGB	214, 224, 201
RGB Percent	84%, 88%, 79%
CMY	0.1595, 0.1203, 0.2105
CMYK	0.04, 0.00, 0.10, 0.12
HSL	86°, 27%, 83%
HSV	86°, 10%, 88%
XYZ	65.1511, 72.0653, 65.9330
YIQ	218.3880, 1.4230, -9.2730

Conversions

Conversions Part 2

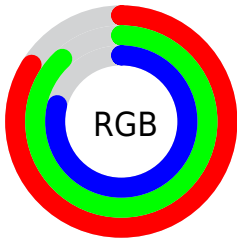
Format	Color
RYB	201, 224, 211
Decimal	14082249
CIELab	88.00, -7.42, 10.11
CIELCh	88, 12.537, 126.282
Yxy	72.0653, 0.3207, 0.3547
Android (android.graphics.Color)	4292272329 (0xFFD6E0C9)
YUV	218.3880, -8.5723, -3.8483
Hunter-Lab	84.8913, -11.5672, 13.3748

Details

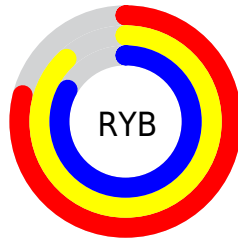
The CIELCh color **88, 12.537, 126.282** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **82, 12.749, 307.252**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **68, 12.696, 126.877** is the 20% darker color. If you saturate the color by 10%, you get **87, 24.763, 125.786**, and if you desaturate by 10%, it is **89, 0.304, 127.095**.

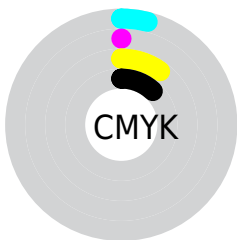
Distribution



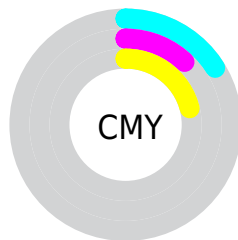
- Red (84%)
- Green (88%)
- Blue (79%)



- Red (79%)
- Yellow (88%)
- Blue (83%)



- Cyan (4%)
- Magenta (0%)
- Yellow (10%)
- Black (12%)




- Cyan (16%)
- Magenta (12%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 12.537, 126.282 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, 12.537, 126.282 by changing the saturation by 10% instead.

 88, 12.537,
126.282

 88, 12.537,
126.282


 100, 12.537,
126.282


 78, 12.537,
126.282


 68, 12.537,
126.282

 58, 12.537,
126.282

 48, 12.537,
126.282

 38, 12.537,
126.282

 28, 12.537,
126.282

 18, 12.537,

126.282

■ 8, 12.537, 126.282

■ 0, 12.537, 126.282

■ 88, 12.537,
126.282

■ 88, 12.537,
126.282

■ 87, 24.763,
125.786

■ 89, 0.304, 127.095

■ 86, 36.879,
125.280

■ 91, 11.875,
307.183

■ 85, 48.745,
124.789

■ 92, 17.310,
313.912

■ 84, 60.158,
124.355

■ 92, 18.871,
323.603

■ 83, 70.817,

■ 93, 19.183,
325.091

124.040

■ 82, 80.302,
123.936

■ 82, 88.087,
124.165

■ 81, 93.682,
124.848

■ 81, 97.103,
125.933

Harmonies

Complementary

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



88, 12.537, 126.282



82, 12.749, 307.252

Rectangle

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



88, 12.537, 126.282



88, 12.537, 176.282



88, 12.537, 306.282



88, 12.537, 356.282

Sweetspot

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



88, 12.539, 126.286



100, 4.057, 126.651



85, 7.114, 66.677



53, 3.078, 126.607



0, 0.000, 0.000



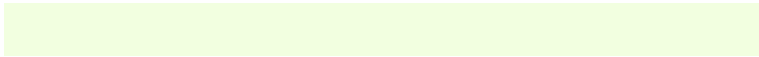
53, 0.007, 296.813

Same Dimension

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



88, 12.539, 126.286



98, 16.280, 126.196



87, 14.395, 142.103



47, 6.942, 126.326



65, 80.797, 125.666



17, 30.203, 125.531

Inverse Universe

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



82, 12.749, 307.252



91, 16.594, 307.348



83, 14.434, 323.143



44, 7.051, 307.210



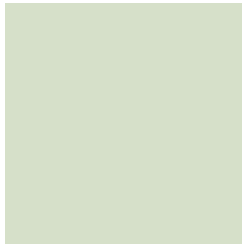
26, 95.746, 310.558



3, 33.032, 307.860

Previews

White Background



This preview shows how the CIELCh color 88, 12.537, 126.282 looks on a white background.

Color Contrast Check

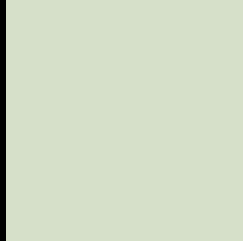
Large Text (above 18pt) WCAG AA × Fail

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, 12.537, 126.282 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

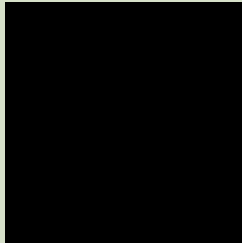
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

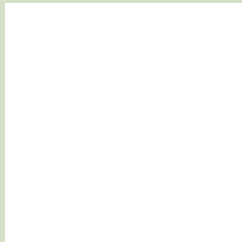
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 12.537, 126.282

Background



This preview shows how black text looks on a background with the CIELCh color 88, 12.537, 126.282.

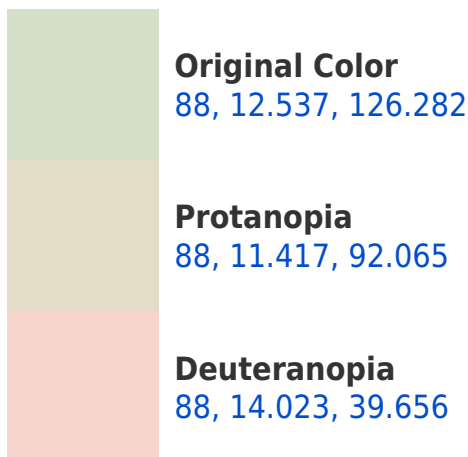


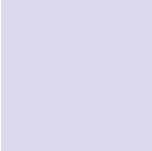
This preview shows how white text looks on a background with the CIELCh color 88, 12.537, 126.282.

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](#).

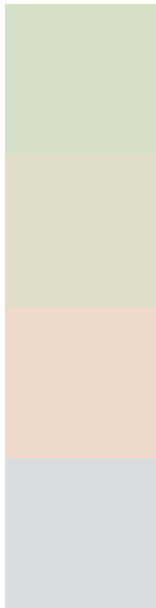
Dichromacy





Tritanopia
88, 9.423, 293.071

Trichromacy



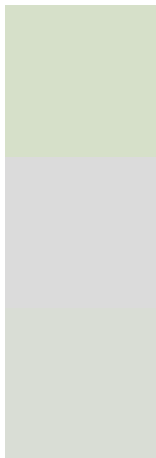
Original Color
88, 12.537, 126.282

Protanomaly
88, 11.446, 105.485

Deuteranomaly
88, 10.184, 65.234

Tritanomaly
88, 1.887, 255.959

Monochromacy



Original Color
88, 12.537, 126.282

Achromatopsia
87, 0.010, 296.813

Achromatomaly
88, 4.422, 128.940

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 12.537, 126.282 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(214, 224, 201)` looks like.

```
.text, #text, p{  
    color:rgb(214, 224, 201)  
}
```

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(214, 224, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 224, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 12.537, 126.282 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(214, 224, 201) }
```

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

```
.border{ border-color:rgb(214, 224, 201) }
```

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

Here you see how a box with a 4 pixel rgb(214, 224, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 224, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 224, 201);  
box-shadow:4px 4px 4px 4px rgb(214, 224,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 12.537, 126.282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 224, 201) }
```

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

```
.background{ background-color: rgb(214,  
224, 201) }
```

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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