

Converting Colors

CIELCh(88, 14.232, 127.191)

Have a look what the booklet for
CIELCh(88, 14.232, 127.191)
contains.

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Color

CIELCh(88, 14.244, 127.189)

Conversions

Conversions Part 1

Format	Color
Hex	D5E1C7
RGB	213, 225, 199
RGB Percent	84%, 88%, 78%
CMY	0.1650, 0.1179, 0.2199
CMYK	0.05, 0.00, 0.12, 0.12
HSL	88°, 30%, 83%
HSV	88°, 12%, 88%
XYZ	64.6245, 72.0653, 64.4927
YIQ	218.4480, 1.1940, -10.6300

Conversions

Conversions Part 2

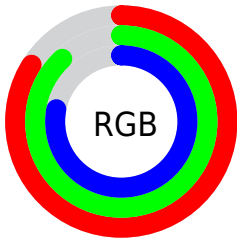
Format	Color
RYB	199, 225, 211
Decimal	14016967
CIELab	88.00, -8.61, 11.35
CIELCh	88, 14.244, 127.189
Yxy	72.0653, 0.3212, 0.3582
Android (android.graphics.Color)	4292207047 (0xFFD5E1C7)
YUV	218.4480, -9.5879, -4.7779
Hunter-Lab	84.8913, -12.6744, 14.3807

Details

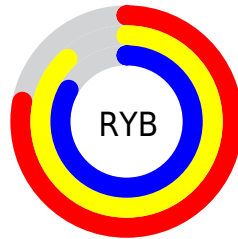
The CIELCh color **88, 14.244, 127.189** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **82, 14.498, 308.256**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **68, 14.496, 127.713** is the 20% darker color. If you saturate the color by 10%, you get **87, 26.568, 126.702**, and if you desaturate by 10%, it is **89, 1.910, 127.708**.

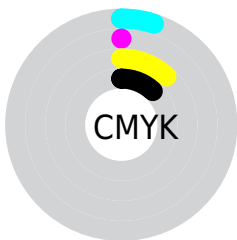
Distribution



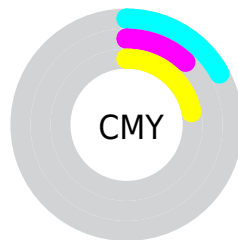
- Red (84%)
- Green (88%)
- Blue (78%)



- Red (78%)
- Yellow (88%)
- Blue (83%)



- Cyan (5%)
- Magenta (0%)
- Yellow (12%)
- Black (12%)



- Cyan (17%)
- Magenta (12%)
- Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 14.244, 127.189 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, 14.244, 127.189 by changing the saturation by 10% instead.

 88, 14.244,
127.189

 88, 14.244,
127.189

 100, 14.244,
127.189

 78, 14.244,
127.189


 68, 14.244,
127.189

 58, 14.244,
127.189

 48, 14.244,
127.189

 38, 14.244,
127.189

 28, 14.244,
127.189

 18, 14.244,

127.189

■ 8, 14.244, 127.189

■ 0, 14.244, 127.189

■ 88, 14.244,
127.189

■ 88, 14.244,
127.189

■ 87, 26.568,
126.702

■ 89, 1.910, 127.708

■ 86, 38.771,
126.204

■ 91, 10.368,
308.068

■ 85, 50.707,
125.724

■ 92, 17.004,
314.186

■ 84, 62.158,
125.304

■ 93, 18.704,
324.588

■ 83, 72.806,

■ 93, 18.807,
325.078

125.011

■ 82, 82.213,
124.943

■ 82, 89.845,
125.223

■ 81, 95.233,
125.972

■ 81, 98.176,
126.929

Harmonies

Complementary

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



88, 14.244, 127.189



82, 14.498, 308.256

Rectangle

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



88, 14.244, 127.189



88, 14.244, 177.189



88, 14.244, 307.189



88, 14.244, 357.189

Sweetspot

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



88, 14.246, 127.193



100, 4.079, 127.613



85, 8.123, 68.442



53, 3.095, 127.570



0, 0.000, 0.000



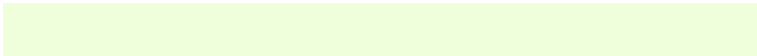
53, 0.007, 296.813

Same Dimension

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



88, 14.246, 127.193



98, 19.107, 127.069



87, 16.359, 142.466



47, 6.982, 127.295



65, 81.514, 126.659



17, 30.452, 126.557

Inverse Universe

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



82, 14.498, 308.256



90, 19.512, 308.386



83, 16.397, 323.680



44, 7.086, 308.149



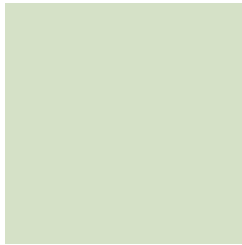
26, 95.208, 311.100



4, 33.214, 308.863

Previews

White Background



This preview shows how the CIELCh color 88, 14.244, 127.189 looks on a white background.

Color Contrast Check

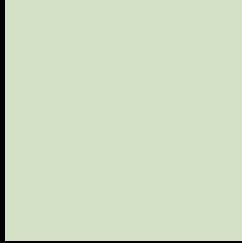
Large Text (above 18pt) WCAG AA × Fail

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, 14.244, 127.189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

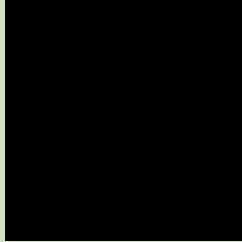
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

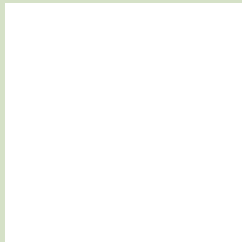
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 14.244, 127.189

Background



This preview shows how black text looks on a background with the CIELCh color 88, 14.244, 127.189.



This preview shows how white text looks on a background with the CIELCh color 88, 14.244, 127.189.

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



Original Color

88, 14.244, 127.189

Protanopia

88, 13.024, 92.297

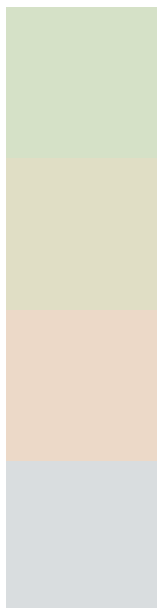
Deuteranopia

88, 15.047, 44.625



Tritanopia
88, 9.411, 290.960

Trichromacy



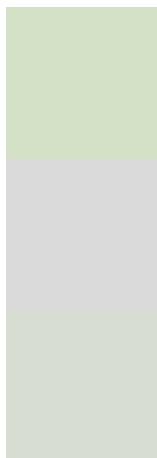
Original Color
88, 14.244, 127.189

Protanomaly
88, 13.000, 105.785

Deuteranomaly
88, 11.381, 70.498

Tritanomaly
88, 1.756, 236.218

Monochromacy



Original Color
88, 14.244, 127.189

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 5.532, 128.895

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 14.244, 127.189 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, 225, 199)` looks like.

```
.text, #text, p{  
    color:rgb(213, 225, 199)  
}
```

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, 225, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 225, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 14.244, 127.189 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, 225, 199) }
```

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

```
.border{ border-color:rgb(213, 225, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 225, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 225, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 225, 199); box-shadow:4px 4px 4px 4px rgb(213, 225, 199) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 14.244, 127.189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 225, 199) }
```

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

```
.background{ background-color: rgb(213,  
225, 199) }
```

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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