

Converting Colors

CIELCh(88, 8.595, 133.784)

Have a look what the booklet for
CIELCh(88, 8.595, 133.784) contains.

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Color

CIELCh(88, 8.641, 134.410)

Conversions

Conversions Part 1

Format	Color
Hex	D6E0D1
RGB	214, 224, 209
RGB Percent	84%, 88%, 82%
CMY	0.1615, 0.1223, 0.1812
CMYK	0.04, 0.00, 0.07, 0.12
HSL	100°, 19%, 85%
HSV	100°, 7%, 88%
XYZ	65.7612, 72.0653, 70.6390
YIQ	219.3000, -1.1450, -6.7850

Conversions

Conversions Part 2

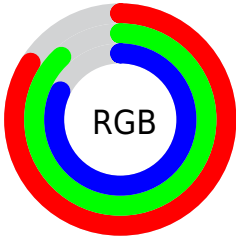
Format	Color
R _Y B	209, 224, 219
Decimal	14082257
CIE Lab	88.00, -6.05, 6.17
CIE LCh	88, 8.641, 134.410
Yxy	72.0653, 0.3155, 0.3457
Android (android.graphics.Color)	4292272337 (0xFFD6E0D1)
YUV	219.3000, -5.0779, -4.6481
Hunter-Lab	84.8913, -10.2842, 10.0880

Details

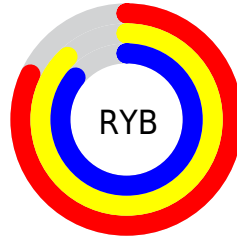
The CIELCh color **88, 8.641, 134.410** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **85, 8.708, 314.928**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **68, 8.622, 135.853** is the 20% darker color. If you saturate the color by 10%, you get **86, 21.622, 133.942**, and if you desaturate by 10%, it is **90, 4.245, 314.759**.

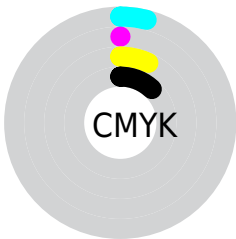
Distribution



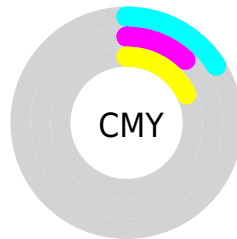
- Red (84%)
- Green (88%)
- Blue (82%)



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



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



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 8.641, 134.410 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, 8.641, 134.410 by changing the saturation by 10% instead.

 88, 8.641, 134.410

 88, 8.641, 134.410

 100, 8.641,
134.410

 78, 8.641, 134.410

 68, 8.641, 134.410

 58, 8.641, 134.410

 48, 8.641, 134.410

 38, 8.641, 134.410

 28, 8.641, 134.410

 18, 8.641, 134.410

 8, 8.641, 134.410

 0, 8.641, 134.410

88, 8.641, 134.410

88, 8.641, 134.410

86, 21.622,
133.942

90, 4.245, 314.759

85, 34.584,
133.438

91, 16.969,
315.155

84, 47.383,
132.908

92, 19.514,
325.103

83, 59.808,
132.376

82, 71.569,
131.894

81, 82.261,
131.540

80, 91.365,
131.430

79, 98.324,
131.695

■ 79,102.806,
132.412

Harmonies

Complementary

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



88, 8.641, 134.410



85, 8.708, 314.928

Rectangle

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



88, 8.641, 134.410



88, 8.641, 184.410



88, 8.641, 314.410



88, 8.641, 4.410

Sweetspot

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



88, 8.643, 134.413



100, 2.853, 134.662



87, 5.506, 90.249



53, 1.622, 134.670



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, 8.643, 134.413



99, 11.477, 134.350



88, 8.518, 149.011



46, 7.349, 134.286



63, 86.619, 132.455



17, 32.407, 132.986

Inverse Universe

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



85, 8.708, 314.928



94, 11.571, 314.989



85, 8.543, 329.758



44, 7.415, 315.051



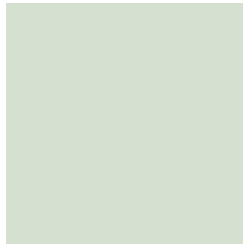
32, 91.208, 316.371



5, 34.636, 316.571

Previews

White Background



This preview shows how the CIELCh color 88, 8.641, 134.410 looks on a white background.

Color Contrast Check

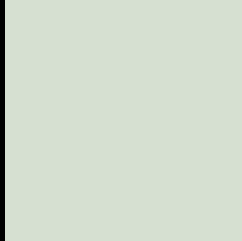
Large Text (above 18pt) WCAG AA × Fail

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, 8.641, 134.410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

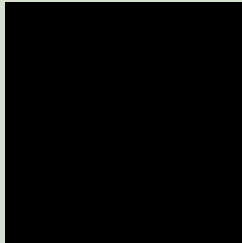
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

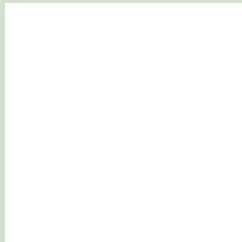
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 8.641, 134.410

Background



This preview shows how black text looks on a background with the CIELCh color 88, 8.641, 134.410.

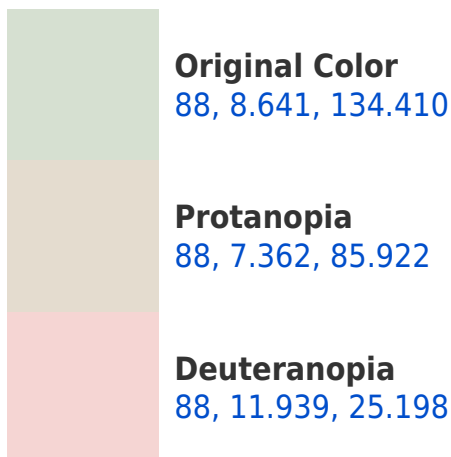


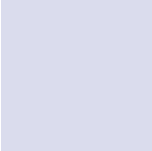
This preview shows how white text looks on a background with the CIELCh color 88, 8.641, 134.410.

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, 8.897, 286.448

Trichromacy



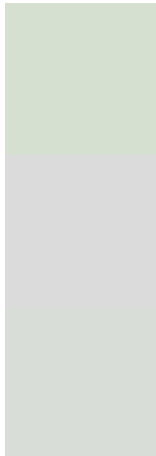
Original Color
88, 8.641, 134.410

Protanomaly
88, 6.792, 103.394

Deuteranomaly
88, 7.250, 49.818

Tritanomaly
88, 3.574, 260.900

Monochromacy



Original Color
88, 8.641, 134.410

Achromatopsia
87, 0.010, 296.813

Achromatomaly
88, 3.453, 134.612

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 8.641, 134.410 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, 209)` looks like.

```
.text, #text, p{  
    color:rgb(214, 224, 209)  
}
```

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, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 224, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 8.641, 134.410 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, 209) }
```

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

```
.border{ border-color:rgb(214, 224, 209) }
```

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, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 224, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 224, 209);  
box-shadow:4px 4px 4px 4px rgb(214, 224,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 8.641, 134.410 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, 209) }
```

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

```
.background{ background-color: rgb(214,  
224, 209) }
```

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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