

Converting Colors

CIELCh(78, 8.595, 133.784)

Have a look what the booklet for
CIELCh(78, 8.595, 133.784) contains.

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Color

CIELCh(78, 8.865, 134.369)

Conversions

Conversions Part 1

Format	Color
Hex	BAC4B5
RGB	186, 196, 181
RGB Percent	73%, 77%, 71%
CMY	0.2709, 0.2316, 0.2905
CMYK	0.05, 0.00, 0.08, 0.23
HSL	100°, 11%, 74%
HSV	100°, 8%, 77%
XYZ	48.2903, 53.2120, 51.4046
YIQ	191.3000, -1.1450, -6.7850

Conversions

Conversions Part 2

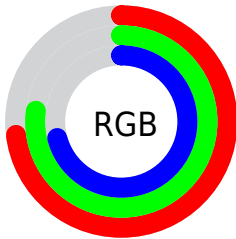
Format	Color
RYB	181, 196, 191
Decimal	12240053
CIELab	78.00, -6.20, 6.34
CIELCh	78, 8.865, 134.369
Yxy	53.2120, 0.3158, 0.3480
Android (android.graphics.Color)	4290430133 (0xFFBAC4B5)
YUV	191.3000, -5.0779, -4.6481
Hunter-Lab	72.9466, -9.4902, 9.2816

Details

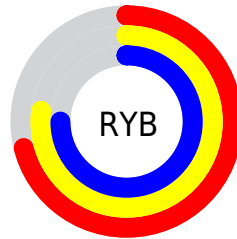
The CIELCh color **78, 8.865, 134.369** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75, 8.938, 314.968**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 9.058, 135.092**, and **58, 8.732, 133.508** is the 20% darker color. If you saturate the color by 10%, you get **77, 20.519, 133.903**, and if you desaturate by 10%, it is **79, 2.712, 314.703**.

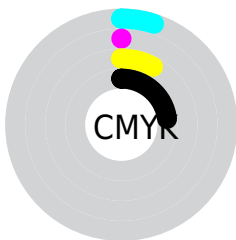
Distribution



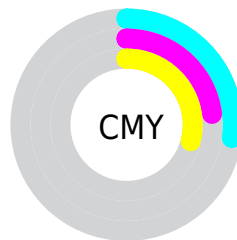
- Red (73%)
- Green (77%)
- Blue (71%)



- Red (71%)
- Yellow (77%)
- Blue (75%)



- Cyan (5%)
- Magenta (0%)
- Yellow (8%)
- Black (23%)



- Cyan (27%)
- Magenta (23%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 8.865, 134.369 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 78, 8.865, 134.369 by changing the saturation by 10% instead.

■ 78, 8.865, 134.369

■ 78, 8.865, 134.369

■ 100, 8.865,
134.369

■ 68, 8.865, 134.369

■ 98, 8.865, 134.369

■ 58, 8.865, 134.369

■ 48, 8.865, 134.369

■ 38, 8.865, 134.369

■ 28, 8.865, 134.369

■ 18, 8.865, 134.369

■ 8, 8.865, 134.369

■ 0, 8.865, 134.369

■ 78, 8.865, 134.369

■ 78, 8.865, 134.369

77, 20.519,
133.903

79, 2.712, 314.703

75, 32.148,
133.401

81, 14.150,
315.118

74, 43.619,
132.873

83, 25.399,
315.444

73, 54.745,
132.348

84, 34.400,
317.215

72, 65.261,
131.873

86, 36.392,
323.907

72, 74.807,
131.530

86, 37.045,
325.711

71, 82.919,
131.432

70, 89.109,
131.706

70, 93.154,

132.400

Harmonies

Complementary

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



78, 8.865, 134.369



75, 8.938, 314.968

Rectangle

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



78, 8.865, 134.369



78, 8.865, 184.369



78, 8.865, 314.369



78, 8.865, 4.369

Sweetspot

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



78, 8.867, 134.372



100, 2.853, 134.662



77, 5.653, 90.143



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.



78, 8.867, 134.372



98, 12.918, 134.304



78, 8.740, 148.947



40, 6.512, 134.294



58, 80.899, 132.358



10, 22.232, 137.289

Inverse Universe

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



75, 8.938, 314.968



94, 13.032, 315.034



75, 8.765, 329.817



38, 6.571, 315.043



29, 85.244, 316.442



3, 20.997, 311.758

Previews

White Background



This preview shows how the CIELCh color 78, 8.865, 134.369 looks on a white background.

Color Contrast Check

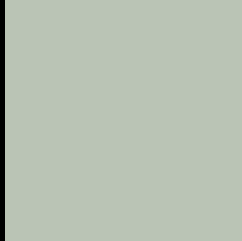
Large Text (above 18pt) WCAG AA × Fail

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 78, 8.865, 134.369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

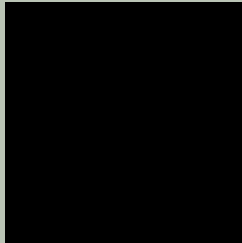
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

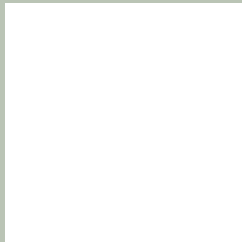
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 8.865, 134.369

Background



This preview shows how black text looks on a background with the CIELCh color 78, 8.865, 134.369.

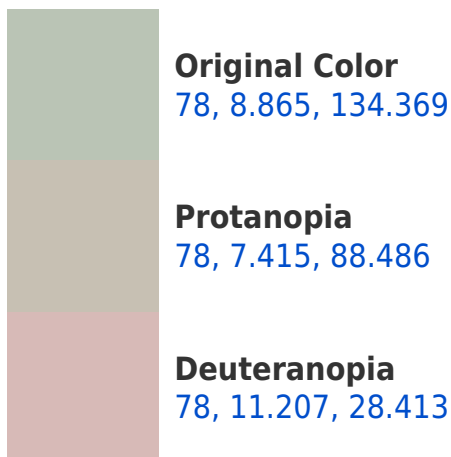


This preview shows how white text looks on a background with the CIELCh color 78, 8.865, 134.369.

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
78, 8.059, 285.858

Trichromacy



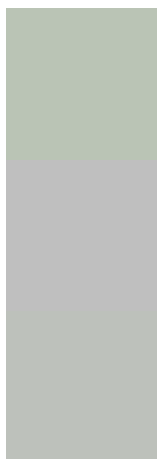
Original Color
78, 8.865, 134.369

Protanomaly
78, 6.941, 106.409

Deuteranomaly
78, 6.808, 58.416

Tritanomaly
78, 3.028, 261.871

Monochromacy



Original Color
78, 8.865, 134.369

Achromatopsia
77, 0.009, 296.813

Achromatomaly
78, 3.543, 134.590

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 8.865, 134.369 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(186, 196, 181)` looks like.

```
.text, #text, p{  
    color:rgb(186, 196, 181)  
}
```

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(186, 196, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 196, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 8.865, 134.369 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(186, 196, 181) }
```

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

```
.border{ border-color:rgb(186, 196, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 196, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 196, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 196, 181); box-shadow:4px 4px 4px 4px rgb(186, 196, 181) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 8.865, 134.369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 196, 181) }
```

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

```
.background{ background-color: rgb(186,  
196, 181) }
```

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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