

Converting Colors

CIELCh(84, 8.430, 206.109)

Have a look what the booklet for
CIELCh(84, 8.430, 206.109) contains.

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Color

CIELCh(84, 8.434, 206.087)

Conversions

Conversions Part 1

Format	Color
Hex	BED6D8
RGB	190, 214, 216
RGB Percent	75%, 84%, 85%
CMY	0.2545, 0.1604, 0.1525
CMYK	0.12, 0.01, 0.00, 0.15
HSL	185°, 25%, 80%
HSV	185°, 12%, 85%
XYZ	57.7384, 64.0658, 74.3558
YIQ	207.0520, -14.9460, -4.4660

Conversions

Conversions Part 2

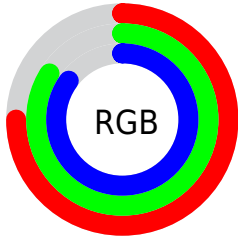
Format	Color
RYB	190, 202, 216
Decimal	12506840
CIELab	84.00, -7.57, -3.71
CIELCh	84, 8.434, 206.087
Yxy	64.0658, 0.2943, 0.3266
Android (android.graphics.Color)	4290696920 (0xFFBED6D8)
YUV	207.0520, 4.4114, -14.9546
Hunter-Lab	80.0411, -11.3093, 0.9501

Details

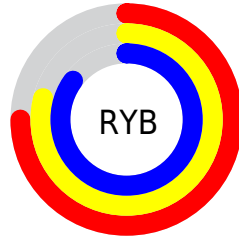
The CIELCh color `84, 8.434, 206.087` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `80, 9.125, 26.705`, and the grayscale version is `83, 0.010, 296.813`.

A 20% lighter version of the original color is `99, 3.114, 199.421`, and `64, 8.463, 206.327` is the 20% darker color. If you saturate the color by 10%, you get `82, 14.974, 205.872`, and if you desaturate by 10%, it is `86, 1.461, 206.660`.

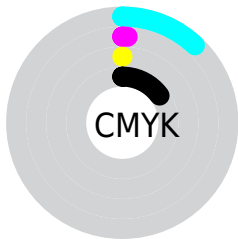
Distribution



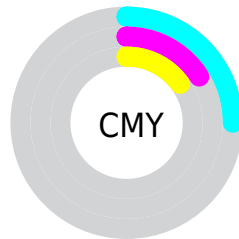
- Red (75%)
- Green (84%)
- Blue (85%)



- Red (75%)
- Yellow (79%)
- Blue (85%)



- Cyan (12%)
- Magenta (1%)
- Yellow (0%)
- Black (15%)



- Cyan (25%)
- Magenta (16%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 8.434, 206.087 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 84, 8.434, 206.087 by changing the saturation by 10% instead.

84, 8.434, 206.087

84, 8.434, 206.087

100, 8.434,
206.087

74, 8.434, 206.087

64, 8.434, 206.087

54, 8.434, 206.087

44, 8.434, 206.087

34, 8.434, 206.087

24, 8.434, 206.087

14, 8.434, 206.087

4, 8.434, 206.087

0, 8.434, 206.087

84, 8.434, 206.087

84, 8.434, 206.087

82, 14.974,
205.872

86, 1.461, 206.660

81, 20.964,
205.786

88, 5.844, 26.467

79, 26.287,
205.827

90, 13.391, 26.882

78, 30.830,
206.017

91, 12.942, 30.869

77, 34.498,
206.382

91, 12.536, 35.148

76, 37.232,
206.949

91, 12.205, 39.686

75, 39.020,
207.747

92, 11.956, 44.442

74, 39.920,
208.797

92, 11.794, 49.361

93, 11.722, 54.375

■ 74, 40.164,
209.792

Harmonies

Complementary

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



84, 8.434, 206.087



80, 9.125, 26.705

Rectangle

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



84, 8.434, 206.087



84, 8.434, 256.087



84, 8.434, 26.087



84, 8.434, 76.087

Sweetspot

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



84, 8.435, 206.075



99, 3.273, 206.404



84, 16.010, 145.562



53, 2.322, 206.352



0, 0.000, 0.000



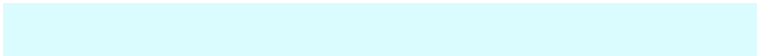
53, 0.007, 296.813

Same Dimension

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



84, 8.435, 206.075



97, 11.157, 206.021



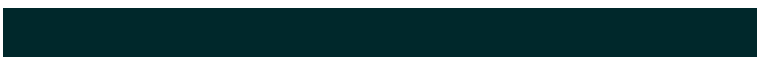
81, 8.689, 263.959



44, 3.978, 206.152



59, 33.751, 209.557



14, 13.429, 206.940

Inverse Universe

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



80, 15.924, 327.248



91, 21.212, 327.371



83, 8.839, 80.714



42, 7.446, 327.092



40, 80.628, 331.525



6, 31.160, 330.692

Previews

White Background



This preview shows how the CIELCh color 84, 8.434, 206.087 looks on a white background.

Color Contrast Check

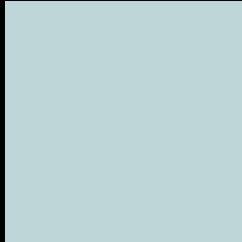
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 84, 8.434, 206.087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

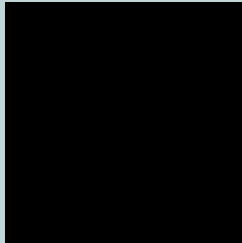
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

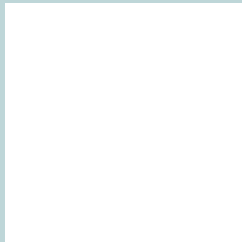
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 8.434, 206.087

Background



This preview shows how black text looks on a background with the CIELCh color 84, 8.434, 206.087.



This preview shows how white text looks on a background with the CIELCh color 84, 8.434, 206.087.

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](#).

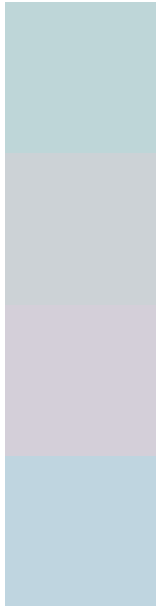
Dichromacy





Tritanopia
84, 11.119, 253.093

Trichromacy



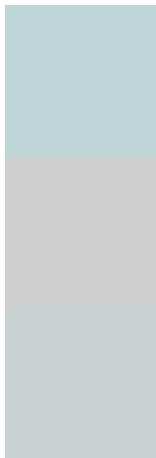
Original Color
84, 8.434, 206.087

Protanomaly
84, 2.984, 244.546

Deuteranomaly
84, 5.603, 309.248

Tritanomaly
84, 9.421, 237.149

Monochromacy



Original Color
84, 8.434, 206.087

Achromatopsia
83, 0.010, 296.813

Achromatomaly
84, 3.225, 199.346

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 8.434, 206.087 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(190, 214, 216)` looks like.

```
.text, #text, p{  
    color:rgb(190, 214, 216)  
}
```

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(190, 214, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 214, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 8.434, 206.087 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(190, 214, 216) }
```

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

```
.border{ border-color:rgb(190, 214, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 214, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 214, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 214, 216);  
box-shadow:4px 4px 4px 4px rgb(190, 214,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 8.434, 206.087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 214, 216) }
```

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

```
.background{ background-color: rgb(190,  
214, 216) }
```

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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