

Converting Colors

CIELCh(84, 8.425, 184.968)

Have a look what the booklet for
CIELCh(84, 8.425, 184.968) contains.

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Color

CIELCh(84, 8.318, 187.881)

Conversions

Conversions Part 1

Format	Color
Hex	BFD6D3
RGB	191, 214, 211
RGB Percent	75%, 84%, 83%
CMY	0.2499, 0.1597, 0.1714
CMYK	0.11, 0.00, 0.01, 0.16
HSL	172°, 22%, 80%
HSV	172°, 11%, 84%
XYZ	57.4669, 64.0658, 71.1502
YIQ	206.7810, -12.7450, -5.8090

Conversions

Conversions Part 2

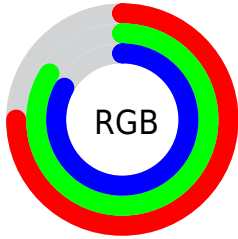
Format	Color
R _Y B	191, 203, 214
Decimal	12572371
CIE Lab	84.00, -8.24, -1.14
CIE LCh	84, 8.318, 187.881
Yxy	64.0658, 0.2982, 0.3325
Android (android.graphics.Color)	4290762451 (0xFFBFD6D3)
YUV	206.7810, 2.0800, -13.8399
Hunter-Lab	80.0411, -11.9146, 3.3246

Details

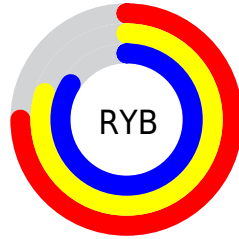
The CIELCh color **84, 8.318, 187.881** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79, 8.757, 9.574**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 2.770, 199.469**, and **64, 8.256, 190.921** is the 20% darker color. If you saturate the color by 10%, you get **83, 15.738, 187.000**, and if you desaturate by 10%, it is **86, 0.577, 189.587**.

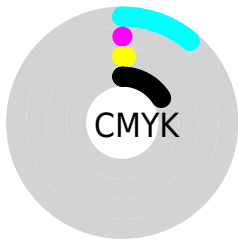
Distribution



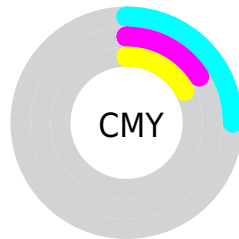
- Red (75%)
- Green (84%)
- Blue (83%)



- Red (75%)
- Yellow (80%)
- Blue (84%)



- Cyan (11%)
- Magenta (0%)
- Yellow (1%)
- Black (16%)



- Cyan (25%)
- Magenta (16%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 8.318, 187.881 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, 8.318, 187.881 by changing the saturation by 10% instead.

■ 84, 8.318, 187.881

■ 84, 8.318, 187.881

■ 100, 8.318,
187.881

■ 74, 8.318, 187.881

■ 64, 8.318, 187.881

■ 54, 8.318, 187.881

■ 44, 8.318, 187.881

■ 34, 8.318, 187.881

■ 24, 8.318, 187.881

■ 14, 8.318, 187.881

■ 4, 8.318, 187.881

■ 0, 8.318, 187.881

84, 8.318, 187.881

84, 8.318, 187.881

83, 15.738,
187.000

86, 0.577, 189.587

81, 22.709,
186.122

87, 7.379, 9.346

80, 29.102,
185.214

89, 15.249, 10.005

79, 34.786,
184.262

89, 15.906,
359.665

79, 39.647,
183.249

89, 16.423,
354.896

78, 43.605,
182.156

90, 17.052,
350.456

78, 46.628,
180.963

90, 17.780,
346.365

77, 48.751,
179.650

90, 18.595,
342.624

■ 77, 50.094,
178.341

Harmonies

Complementary

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



84, 8.318, 187.881



79, 8.757, 9.574

Rectangle

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



84, 8.318, 187.881



84, 8.318, 237.881



84, 8.318, 7.881



84, 8.318, 57.881

Sweetspot

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



84, 8.319, 187.871



99, 2.708, 188.671



84, 14.216, 140.245



53, 2.051, 188.555



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, 8.319, 187.871



98, 11.548, 187.660



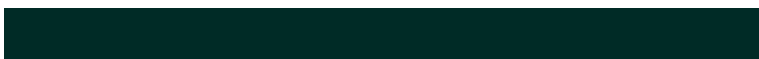
82, 6.722, 240.995



44, 4.406, 187.989



63, 42.210, 178.583



15, 16.102, 181.493

Inverse Universe

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



79, 8.757, 9.574



91, 12.300, 9.823



81, 7.057, 58.780



42, 4.609, 9.438



35, 71.838, 33.853



5, 21.981, 13.946

Previews

White Background



This preview shows how the CIELCh color 84, 8.318, 187.881 looks on a white background.

Color Contrast Check

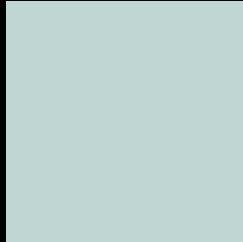
Large Text (above 18pt) WCAG AA × Fail

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 84, 8.318, 187.881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

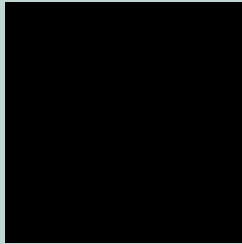
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

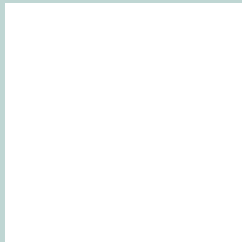
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 8.318, 187.881

Background



This preview shows how black text looks on a background with the CIELCh color 84, 8.318, 187.881.

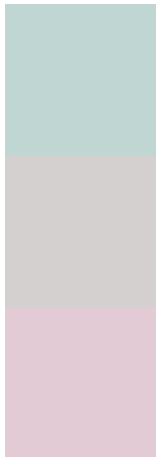


This preview shows how white text looks on a background with the CIELCh color 84, 8.318, 187.881.

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

84, 8.318, 187.881

Protanopia

84, 1.822, 19.229

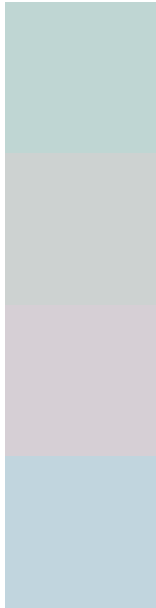
Deuteranopia

84, 10.523, 346.842



Tritanopia
84, 10.322, 254.195

Trichromacy



Original Color
84, 8.318, 187.881

Protanomaly
84, 1.883, 183.322

Deuteranomaly
84, 4.081, 328.729

Tritanomaly
84, 8.305, 233.995

Monochromacy



Original Color
84, 8.318, 187.881

Achromatopsia
83, 0.010, 296.813

Achromatomaly
84, 3.281, 190.080

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 8.318, 187.881 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(191, 214, 211)` looks like.

```
.text, #text, p{  
    color:rgb(191, 214, 211)  
}
```

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(191, 214, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 214, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 8.318, 187.881 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(191, 214, 211) }
```

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

```
.border{ border-color:rgb(191, 214, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 214, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 214, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 214, 211);  
box-shadow:4px 4px 4px 4px rgb(191, 214,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 8.318, 187.881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 214, 211) }
```

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

```
.background{ background-color: rgb(191,  
214, 211) }
```

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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