

Converting Colors

CIELCh(84, 6.588, 199.016)

Have a look what the booklet for
CIELCh(84, 6.588, 199.016) contains.

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Color

CIELCh(84, 6.370, 199.034)

Conversions

Conversions Part 1

Format	Color
Hex	C3D5D5
RGB	195, 213, 213
RGB Percent	76%, 84%, 84%
CMY	0.2349, 0.1643, 0.1643
CMYK	0.08, 0.00, 0.00, 0.16
HSL	180°, 18%, 80%
HSV	180°, 8%, 84%
XYZ	58.3760, 64.0658, 72.3088
YIQ	207.6180, -10.7280, -3.8160

Conversions

Conversions Part 2

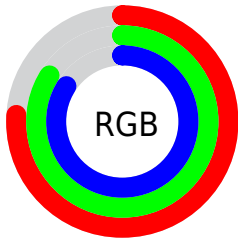
Format	Color
R_{YB}	195, 204, 213
Decimal	12834261
CIE _{Lab}	84.00, -6.02, -2.08
CIE _{LCh}	84, 6.370, 199.034
Yxy	64.0658, 0.2997, 0.3290
Android (android.graphics.Color)	4291024341 (0xFFC3D5D5)
YUV	207.6180, 2.6533, -11.0660
Hunter-Lab	80.0411, -9.8873, 2.4664

Details

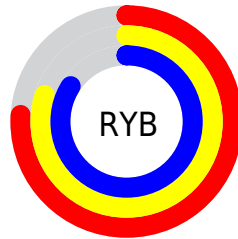
The CIELCh color `84, 6.370, 199.034` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `80, 6.718, 19.836`, and the grayscale version is `83, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 1.042, 199.975`, and `64, 6.326, 198.907` is the 20% darker color. If you saturate the color by 10%, you get `83, 13.529, 198.458`, and if you desaturate by 10%, it is `86, 1.199, 18.995`.

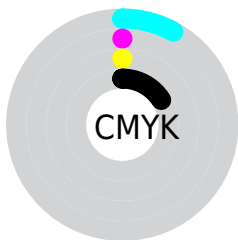
Distribution



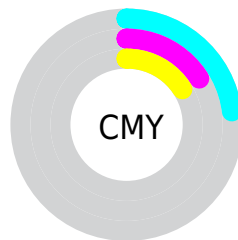
- Red (76%)
- Green (84%)
- Blue (84%)



- Red (76%)
- Yellow (80%)
- Blue (84%)



- Cyan (8%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)



- Cyan (23%)
- Magenta (16%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 6.370, 199.034 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, 6.370, 199.034 by changing the saturation by 10% instead.

■ 84, 6.370, 199.034

■ 84, 6.370, 199.034

■ 100, 6.370,
199.034

■ 74, 6.370, 199.034

■ 64, 6.370, 199.034

■ 54, 6.370, 199.034

■ 44, 6.370, 199.034

■ 34, 6.370, 199.034

■ 24, 6.370, 199.034

■ 14, 6.370, 199.034

■ 4, 6.370, 199.034

■ 0, 6.370, 199.034

84, 6.370, 199.034

84, 6.370, 199.034

83, 13.529,
198.458

86, 1.199, 18.995

81, 20.156,
197.977

87, 9.070, 19.993

80, 26.127,
197.557

89, 15.606, 20.505

79, 31.323,
197.198

89, 15.606, 20.497

79, 35.646,
196.904

89, 15.605, 20.490

78, 39.029,
196.677

89, 15.605, 20.482

78, 41.453,
196.514

89, 15.605, 20.475

78, 42.958,
196.413

89, 15.605, 20.467

89, 15.605, 20.459

■ 78, 43.687,
196.363

Harmonies

Complementary

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



84, 6.370, 199.034



80, 6.718, 19.836

Rectangle

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



84, 6.370, 199.034



84, 6.370, 249.034



84, 6.370, 19.034



84, 6.370, 69.034

Sweetspot

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



84, 6.371, 199.018



99, 2.650, 199.471



84, 11.544, 143.540



53, 2.005, 199.374



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, 6.371, 199.018



98, 8.687, 198.916



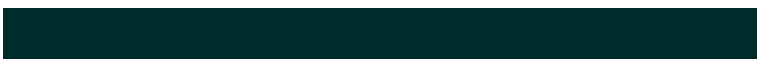
82, 5.615, 254.734



44, 4.287, 198.957



63, 37.127, 196.358



15, 14.560, 196.363

Inverse Universe

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



80, 6.718, 19.836



93, 9.259, 19.968



82, 5.736, 72.515



42, 4.550, 19.914



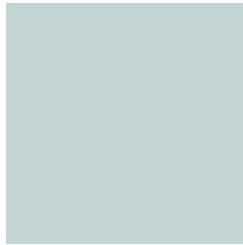
35, 77.341, 39.891



5, 22.000, 19.759

Previews

White Background



This preview shows how the CIELCh color 84, 6.370, 199.034 looks on a white background.

Color Contrast Check

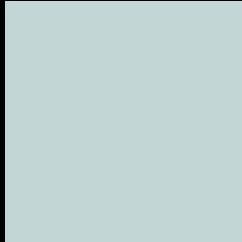
Large Text (above 18pt) WCAG AA × Fail

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, 6.370, 199.034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

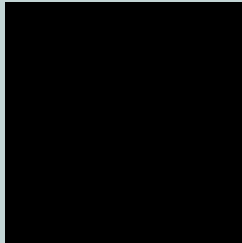
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

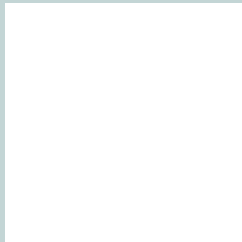
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 6.370, 199.034

Background



This preview shows how black text looks on a background with the CIELCh color 84, 6.370, 199.034.

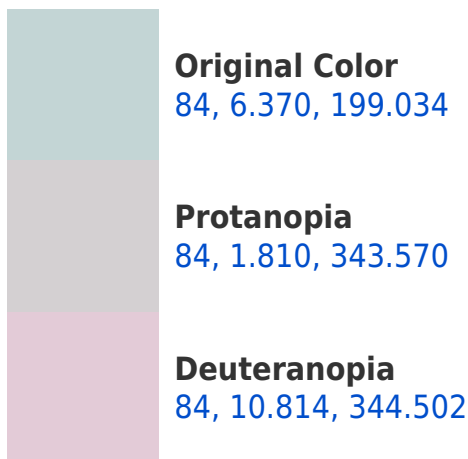


This preview shows how white text looks on a background with the CIELCh color 84, 6.370, 199.034.

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](#).

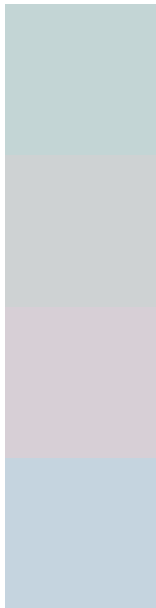
Dichromacy





Tritanopia
84, 9.924, 264.132

Trichromacy



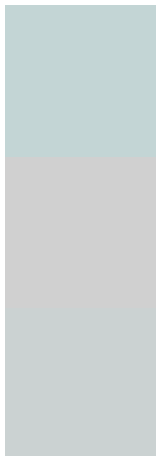
Original Color
84, 6.370, 199.034

Protanomaly
84, 1.527, 219.902

Deuteranomaly
84, 4.720, 328.196

Tritanomaly
84, 7.709, 248.120

Monochromacy



Original Color
84, 6.370, 199.034

Achromatopsia
83, 0.010, 296.813

Achromatomaly
84, 2.514, 199.448

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 6.370, 199.034 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(195, 213, 213)` looks like.

```
.text, #text, p{  
    color:rgb(195, 213, 213)  
}
```

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(195, 213, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 213, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 6.370, 199.034 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(195, 213, 213) }
```

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

```
.border{ border-color:rgb(195, 213, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 213, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 213, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 213, 213);  
box-shadow:4px 4px 4px 4px rgb(195, 213,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 6.370, 199.034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 213, 213) }
```

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

```
.background{ background-color: rgb(195,  
213, 213) }
```

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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