

Converting Colors

CIELCh(84, 10.037, 155.148)

Have a look what the booklet for
CIELCh(84, 10.037, 155.148)
contains.

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Color

CIELCh(84, 9.773, 154.337)

Conversions

Conversions Part 1

Format	Color
Hex	C3D6C9
RGB	195, 214, 201
RGB Percent	76%, 84%, 79%
CMY	0.2344, 0.1599, 0.2109
CMYK	0.09, 0.00, 0.06, 0.16
HSL	139°, 19%, 80%
HSV	139°, 9%, 84%
XYZ	57.2350, 64.0658, 64.7446
YIQ	206.8370, -7.1510, -8.0710

Conversions

Conversions Part 2

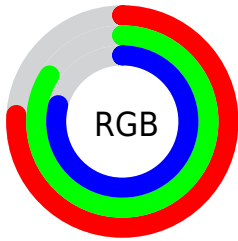
Format	Color
RYB	195, 209, 214
Decimal	12834505
CIELab	84.00, -8.81, 4.23
CIELCh	84, 9.773, 154.337
Yxy	64.0658, 0.3076, 0.3444
Android (android.graphics.Color)	4291024585 (0xFFC3D6C9)
YUV	206.8370, -2.8776, -10.3810
Hunter-Lab	80.0411, -12.4318, 8.0696

Details

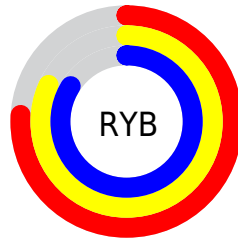
The CIELCh color **84, 9.773, 154.337** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81, 9.828, 335.505**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 1.042, 199.975**, and **64, 9.668, 154.885** is the 20% darker color. If you saturate the color by 10%, you get **82, 20.861, 153.511**, and if you desaturate by 10%, it is **86, 1.244, 334.712**.

Distribution



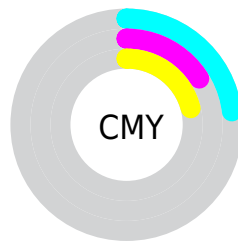
- Red (76%)
- Green (84%)
- Blue (79%)



- Red (76%)
- Yellow (82%)
- Blue (84%)



- Cyan (9%)
- Magenta (0%)
- Yellow (6%)
- Black (16%)



- Cyan (23%)
- Magenta (16%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 9.773, 154.337 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, 9.773, 154.337 by changing the saturation by 10% instead.

84, 9.773, 154.337

84, 9.773, 154.337

100, 9.773,
154.337

74, 9.773, 154.337

64, 9.773, 154.337

54, 9.773, 154.337

44, 9.773, 154.337

34, 9.773, 154.337

24, 9.773, 154.337

14, 9.773, 154.337

4, 9.773, 154.337

0, 9.773, 154.337

84, 9.773, 154.337

84, 9.773, 154.337

82, 20.861,
153.511

86, 1.244, 334.712

81, 31.881,
152.584

88, 12.096,
335.596

79, 42.667,
151.521

90, 21.626,
333.017

78, 53.025,
150.299

90, 25.545,
325.314

77, 62.747,
148.899

76, 71.628,
147.308

76, 79.493,
145.533

75, 86.223,
143.607

■ 75, 91.809,
141.630

Harmonies

Complementary

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



84, 9.773, 154.337



81, 9.828, 335.505

Rectangle

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



84, 9.773, 154.337



84, 9.773, 204.337



84, 9.773, 334.337



84, 9.773, 24.337

Sweetspot

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



84, 9.775, 154.335



99, 3.789, 154.830



85, 10.192, 121.303



53, 2.875, 154.750



0, 0.000, 0.000



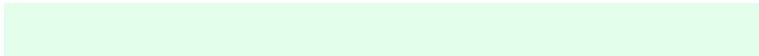
53, 0.007, 296.813

Same Dimension

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



84, 9.775, 154.335



98, 13.976, 154.157



84, 7.088, 182.537



44, 6.254, 154.291



61, 77.453, 141.760



14, 27.123, 147.222

Inverse Universe

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



81, 9.828, 335.505



93, 14.060, 335.673



81, 7.341, 4.006



42, 6.289, 335.547



38, 67.785, 345.923



6, 26.179, 342.005

Previews

White Background



This preview shows how the CIELCh color 84, 9.773, 154.337 looks on a white background.

Color Contrast Check

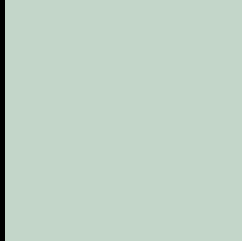
Large Text (above 18pt) WCAG AA × Fail

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, 9.773, 154.337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

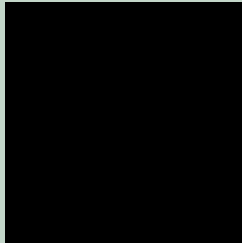
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

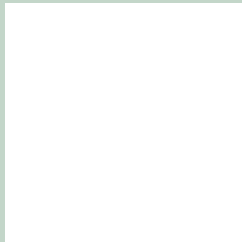
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 9.773, 154.337

Background



This preview shows how black text looks on a background with the CIELCh color 84, 9.773, 154.337.



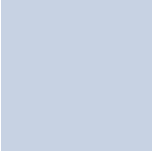
This preview shows how white text looks on a background with the CIELCh color 84, 9.773, 154.337.

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, 9.661, 267.789

Trichromacy



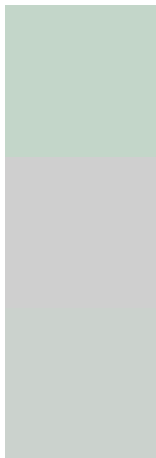
Original Color
84, 9.773, 154.337

Protanomaly
84, 5.831, 116.930

Deuteranomaly
84, 4.693, 39.219

Tritanomaly
84, 5.796, 232.337

Monochromacy



Original Color
84, 9.773, 154.337

Achromatopsia
83, 0.010, 296.813

Achromatomaly
84, 3.678, 153.588

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 9.773, 154.337 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, 214, 201)` looks like.

```
.text, #text, p{  
    color:rgb(195, 214, 201)  
}
```

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, 214, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 214, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 9.773, 154.337 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, 214, 201) }
```

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

```
.border{ border-color:rgb(195, 214, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 214, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 214, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 214, 201);  
box-shadow:4px 4px 4px 4px rgb(195, 214,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 9.773, 154.337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 214, 201) }
```

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

```
.background{ background-color: rgb(195,  
214, 201) }
```

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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