

Converting Colors

CIELCh(84, 9.899, 128.608)

Have a look what the booklet for
CIELCh(84, 9.899, 128.608) contains.

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Color

CIELCh(84, 10.043, 128.709)

Conversions

Conversions Part 1

Format	Color
Hex	CCD5C3
RGB	204, 213, 195
RGB Percent	80%, 84%, 76%
CMY	0.2017, 0.1664, 0.2370
CMYK	0.04, 0.00, 0.08, 0.17
HSL	90°, 17%, 80%
HSV	90°, 8%, 83%
XYZ	58.2694, 64.0658, 60.6704
YIQ	208.2570, 0.4140, -7.5060

Conversions

Conversions Part 2

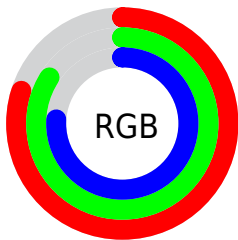
Format	Color
R_{YB}	195, 213, 204
Decimal	13424067
CIE _{Lab}	84.00, -6.28, 7.84
CIE _{LCh}	84, 10.043, 128.709
Yxy	64.0658, 0.3184, 0.3501
Android (android.graphics.Color)	4291614147 (0xFFCCD5C3)
YUV	208.2570, -6.5357, -3.7334
Hunter-Lab	80.0411, -10.1250, 11.0875

Details

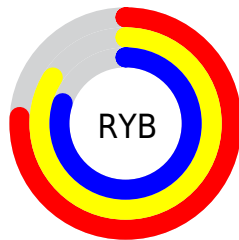
The CIELCh color **84, 10.043, 128.709** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **80, 10.172, 309.438**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 1.510, 110.014**, and **64, 9.965, 127.565** is the 20% darker color. If you saturate the color by 10%, you get **83, 21.939, 128.240**, and if you desaturate by 10%, it is **85, 1.827, 309.070**.

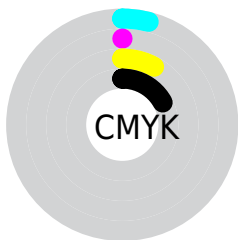
Distribution



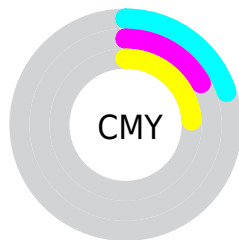
- Red (80%)
- Green (84%)
- Blue (76%)



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



- Cyan (4%)
- Magenta (0%)
- Yellow (8%)
- Black (17%)





- Cyan (20%)
- Magenta (17%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 10.043, 128.709 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, 10.043, 128.709 by changing the saturation by 10% instead.


 84, 10.043,
128.709


 84, 10.043,
128.709


 100, 10.043,
128.709


 74, 10.043,
128.709


 64, 10.043,
128.709

 54, 10.043,
128.709

 44, 10.043,
128.709

 34, 10.043,
128.709

 24, 10.043,
128.709

 14, 10.043,

128.709

■ 4, 10.043, 128.709

■ 0, 10.043, 128.709

■ 84, 10.043,
128.709

■ 84, 10.043,
128.709

■ 83, 21.939,
128.240

■ 85, 1.827, 309.070

■ 82, 33.765,
127.753

■ 87, 13.614,
309.531

■ 81, 45.393,
127.270

■ 88, 23.628,
311.180

■ 80, 56.638,
126.826

■ 89, 25.055,
319.245

■ 79, 67.230,

■ 90, 26.591,
325.351

126.478

■ 78, 76.789,
126.313

■ 77, 84.829,
126.449

■ 77, 90.852,
127.013

■ 76, 94.724,
128.040

Harmonies

Complementary

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



84, 10.043, 128.709



80, 10.172, 309.438

Rectangle

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



84, 10.043, 128.709



84, 10.043, 178.709



84, 10.043, 308.709



84, 10.043, 358.709

Sweetspot

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



84, 10.045, 128.713



100, 4.114, 128.977



82, 5.797, 74.326



53, 3.121, 128.934



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, 10.045, 128.713



98, 13.760, 128.637



83, 11.608, 143.971



45, 6.778, 128.668



63, 80.737, 127.954



15, 27.750, 128.976

Inverse Universe

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



80, 10.172, 309.438



93, 13.959, 309.516



81, 11.627, 324.882



42, 6.871, 309.484



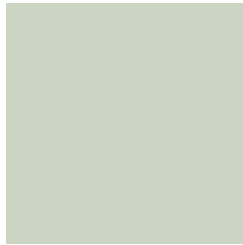
26, 92.374, 311.966



3, 28.975, 308.410

Previews

White Background



This preview shows how the CIELCh color 84, 10.043, 128.709 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, 10.043, 128.709 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

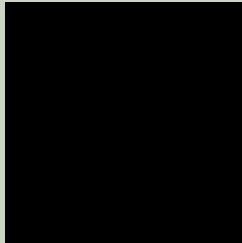
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

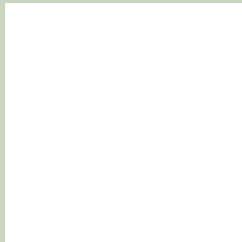
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 10.043, 128.709

Background



This preview shows how black text looks on a background with the CIELCh color 84, 10.043, 128.709.



This preview shows how white text looks on a background with the CIELCh color 84, 10.043, 128.709.

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, 10.043, 128.709

Protanopia
84, 9.407, 90.725

Deuteranopia
84, 12.384, 32.436



Tritanopia
84, 8.975, 290.954

Trichromacy



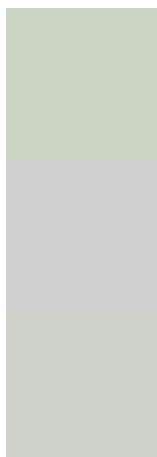
Original Color
84, 10.043, 128.709

Protanomaly
84, 8.950, 104.601

Deuteranomaly
84, 8.263, 59.103

Tritanomaly
84, 2.534, 256.033

Monochromacy



Original Color
84, 10.043, 128.709

Achromatopsia
83, 0.010, 296.813

Achromatomaly
84, 3.972, 131.424

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 10.043, 128.709 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(204, 213, 195)` looks like.

```
.text, #text, p{  
    color:rgb(204, 213, 195)  
}
```

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(204, 213, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 213, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 10.043, 128.709 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(204, 213, 195) }
```

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

```
.border{ border-color:rgb(204, 213, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 213, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(204, 213, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(204, 213, 195); box-shadow:4px 4px 4px 4px rgb(204, 213, 195) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 10.043, 128.709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 213, 195) }
```

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

```
.background{ background-color: rgb(204,  
213, 195) }
```

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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