

Converting Colors

CIELCh(84, 9.675, 120.272)

Have a look what the booklet for
CIELCh(84, 9.675, 120.272) contains.

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Color

CIELCh(84, 9.640, 120.468)

Conversions

Conversions Part 1

Format	Color
Hex	CFD4C2
RGB	207, 212, 194
RGB Percent	81%, 83%, 76%
CMY	0.1893, 0.1696, 0.2402
CMYK	0.02, 0.00, 0.09, 0.17
HSL	77°, 17%, 80%
HSV	77°, 9%, 83%
XYZ	58.8444, 64.0658, 60.1499
YIQ	208.4530, 2.7980, -6.6580

Conversions

Conversions Part 2

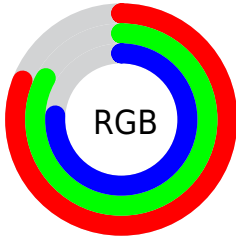
Format	Color
R_{YB}	194, 212, 199
Decimal	13620418
CIE _{Lab}	84.00, -4.89, 8.31
CIE _{LCh}	84, 9.640, 120.468
Yxy	64.0658, 0.3214, 0.3500
Android (android.graphics.Color)	4291810498 (0xFFCFD4C2)
YUV	208.4530, -7.1253, -1.2743
Hunter-Lab	80.0411, -8.8428, 11.4730

Details

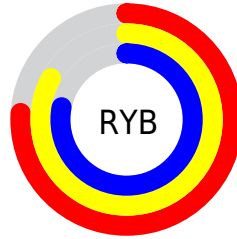
The CIELCh color **84, 9.640, 120.468** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79, 9.813, 301.488**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 2.525, 109.959**, and **64, 9.571, 118.677** is the 20% darker color. If you saturate the color by 10%, you get **83, 20.959, 119.867**, and if you desaturate by 10%, it is **85, 1.712, 301.032**.

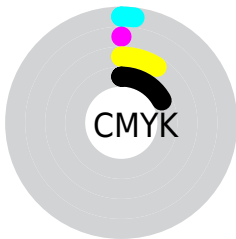
Distribution



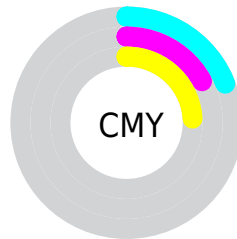
- Red (81%)
- Green (83%)
- Blue (76%)



- Red (76%)
- Yellow (83%)
- Blue (78%)



- Cyan (2%)
- Magenta (0%)
- Yellow (9%)
- Black (17%)



- Cyan (19%)
- Magenta (17%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 9.640, 120.468 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, 9.640, 120.468 by changing the saturation by 10% instead.

 84, 9.640, 120.468

 84, 9.640, 120.468

 100, 9.640,
120.468

 74, 9.640, 120.468

 64, 9.640, 120.468

 54, 9.640, 120.468

 44, 9.640, 120.468

 34, 9.640, 120.468

 24, 9.640, 120.468

 14, 9.640, 120.468

 4, 9.640, 120.468

 0, 9.640, 120.468

84, 9.640, 120.468

84, 9.640, 120.468

83, 20.959,
119.867

85, 1.712, 301.032

82, 32.157,
119.258

86, 13.047,
301.612

82, 43.120,
118.668

87, 23.162,
302.605

81, 53.668,
118.132

88, 23.614,
307.398

80, 63.539,
117.704

88, 24.222,
312.036

80, 72.353,
117.459

88, 24.977,
316.472

79, 79.621,
117.497

89, 25.871,
320.670

79, 84.851,
117.925

89, 26.893,
324.611

■ 78, 87.930,
118.782

■ 90, 27.112,
325.369

Harmonies

Complementary

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



84, 9.640, 120.468



79, 9.813, 301.488

Rectangle

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



84, 9.640, 120.468



84, 9.640, 170.468



84, 9.640, 300.468



84, 9.640, 350.468

Sweetspot

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



84, 9.642, 120.474



100, 3.950, 120.806



81, 5.537, 46.923



53, 2.996, 120.756



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, 9.642, 120.474



99, 13.189, 120.378



83, 10.796, 137.446



45, 6.498, 120.419



64, 75.182, 118.715



16, 25.954, 119.540

Inverse Universe

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



79, 9.813, 301.488



92, 13.461, 301.594



80, 10.862, 318.151



41, 6.624, 301.549



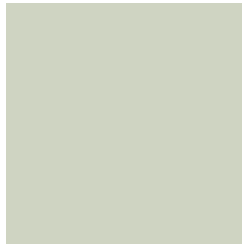
22, 96.480, 308.101



2, 28.013, 300.975

Previews

White Background



This preview shows how the CIELCh color 84, 9.640, 120.468 looks on a white background.

Color Contrast Check

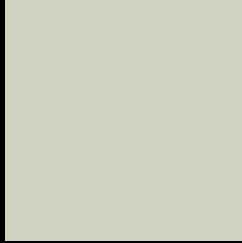
Large Text (above 18pt) WCAG AA × Fail

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, 9.640, 120.468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

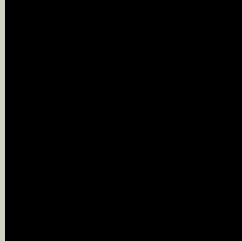
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

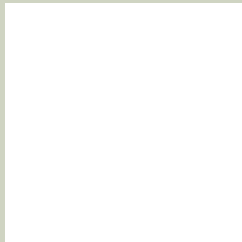
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 9.640, 120.468

Background



This preview shows how black text looks on a background with the CIELCh color 84, 9.640, 120.468.

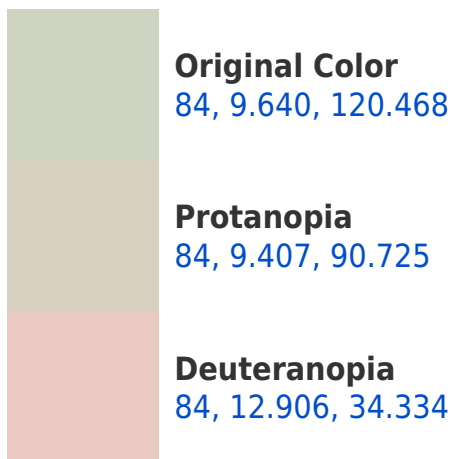


This preview shows how white text looks on a background with the CIELCh color 84, 9.640, 120.468.

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, 9.111, 299.847

Trichromacy



Original Color
84, 9.640, 120.468

Protanomaly
84, 8.986, 102.215

Deuteranomaly
84, 9.200, 58.558

Tritanomaly
84, 2.117, 290.391

Monochromacy



Original Color
84, 9.640, 120.468

Achromatopsia
83, 0.010, 296.813

Achromatomaly
84, 3.175, 116.502

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 9.640, 120.468 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(207, 212, 194)` looks like.

```
.text, #text, p{  
    color:rgb(207, 212, 194)  
}
```

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(207, 212, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 212, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 9.640, 120.468 is called "border". The border property can be set on classes, ids or directly on the HTML element.

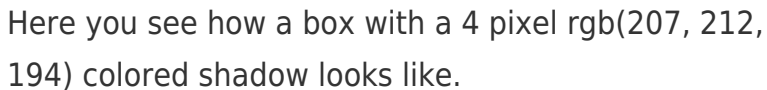
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 212, 194) }
```

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

```
.border{ border-color:rgb(207, 212, 194) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 212, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 212, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 212, 194);  
box-shadow:4px 4px 4px 4px rgb(207, 212,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 9.640, 120.468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 212, 194) }
```

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

```
.background{ background-color: rgb(207,  
212, 194) }
```

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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