

Converting Colors

CIELCh(84, 7.316, 117.556)

Have a look what the booklet for
CIELCh(84, 7.316, 117.556) contains.

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Color

CIELCh(84, 7.442, 118.111)

Conversions

Conversions Part 1

Format	Color
Hex	D0D3C5
RGB	208, 211, 197
RGB Percent	82%, 83%, 77%
CMY	0.1841, 0.1723, 0.2272
CMYK	0.01, 0.00, 0.07, 0.17
HSL	73°, 14%, 80%
HSV	73°, 7%, 83%
XYZ	59.4185, 64.0658, 62.0889
YIQ	208.5070, 2.7060, -4.9900

Conversions

Conversions Part 2

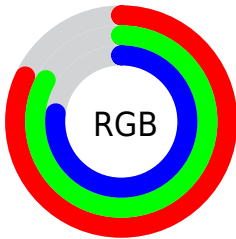
Format	Color
R _Y B	197, 211, 200
Decimal	13685701
CIE Lab	84.00, -3.51, 6.56
CIE LCh	84, 7.442, 118.111
Yxy	64.0658, 0.3202, 0.3452
Android (android.graphics.Color)	4291875781 (0xFFD0D3C5)
YUV	208.5070, -5.6730, -0.4446
Hunter-Lab	80.0411, -7.5624, 10.0368

Details

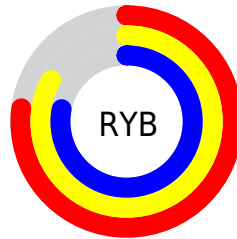
The CIELCh color **84, 7.442, 118.111** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **80, 7.560, 299.000**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.496, 109.985**, and **64, 7.863, 117.971** is the 20% darker color. If you saturate the color by 10%, you get **83, 18.642, 117.449**, and if you desaturate by 10%, it is **85, 3.791, 298.763**.

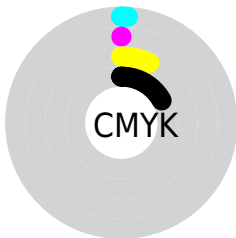
Distribution



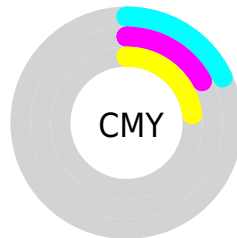
- Red (82%)
- Green (83%)
- Blue (77%)



- Red (77%)
- Yellow (83%)
- Blue (78%)



- Cyan (1%)
- Magenta (0%)
- Yellow (7%)
- Black (17%)



- Cyan (18%)
- Magenta (17%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 7.442, 118.111 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, 7.442, 118.111 by changing the saturation by 10% instead.

■ 84, 7.442, 118.111

■ 84, 7.442, 118.111

■ 100, 7.442,
118.111

■ 74, 7.442, 118.111

■ 64, 7.442, 118.111

■ 54, 7.442, 118.111

■ 44, 7.442, 118.111

■ 34, 7.442, 118.111

■ 24, 7.442, 118.111

■ 14, 7.442, 118.111

■ 4, 7.442, 118.111

■ 0, 7.442, 118.111

84, 7.442, 118.111

84, 7.442, 118.111

83, 18.642,
117.449

85, 3.791, 298.763

82, 29.728,
116.774

86, 15.013,
299.389

82, 40.595,
116.114

87, 23.407,
300.774

81, 51.078,
115.500

87, 23.693,
304.443

81, 60.931,
114.979

87, 24.070,
308.045

80, 69.794,
114.615

88, 24.538,
311.555

80, 77.193,
114.495

88, 25.093,
314.952

79, 82.617,
114.716

89, 25.730,
318.219

 79, 85.783,
115.342

 89, 26.445,
321.345

Harmonies

Complementary

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



84, 7.442, 118.111



80, 7.560, 299.000

Rectangle

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



84, 7.442, 118.111



84, 7.442, 168.111



84, 7.442, 298.111



84, 7.442, 348.111

Sweetspot

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



84, 7.444, 118.120



100, 2.609, 118.428



81, 4.404, 39.218



53, 1.483, 118.435



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, 7.444, 118.120



99, 10.465, 118.023



83, 8.234, 135.477



44, 6.318, 117.935



64, 73.086, 115.416



15, 24.046, 116.891

Inverse Universe

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



80, 7.560, 299.000



94, 10.654, 299.105



81, 8.290, 315.986



40, 6.448, 299.202



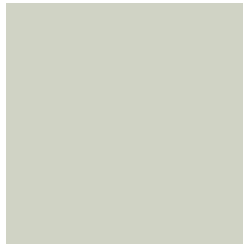
21, 96.305, 307.435



2, 25.804, 298.626

Previews

White Background



This preview shows how the CIELCh color 84, 7.442, 118.111 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, 7.442, 118.111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

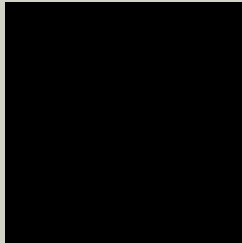
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

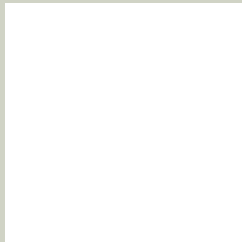
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 7.442, 118.111

Background



This preview shows how black text looks on a background with the CIELCh color 84, 7.442, 118.111.



This preview shows how white text looks on a background with the CIELCh color 84, 7.442, 118.111.

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, 7.442, 118.111

Protanopia

84, 7.295, 88.577

Deuteranopia

84, 11.773, 27.890



Tritanopia
84, 8.659, 302.676

Trichromacy



Original Color
84, 7.442, 118.111

Protanomaly
84, 7.424, 100.877

Deuteranomaly
84, 8.005, 47.103

Tritanomaly
84, 3.365, 309.153

Monochromacy



Original Color
84, 7.442, 118.111

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 2.651, 117.839

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 7.442, 118.111 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(208, 211, 197)` looks like.

```
.text, #text, p{  
    color:rgb(208, 211, 197)  
}
```

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(208, 211, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 211, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 7.442, 118.111 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(208, 211, 197) }
```

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

```
.border{ border-color:rgb(208, 211, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 211, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 211, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 211, 197);  
box-shadow:4px 4px 4px 4px rgb(208, 211,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 7.442, 118.111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 211, 197) }
```

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

```
.background{ background-color: rgb(208,  
211, 197) }
```

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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