

Converting Colors

CIELCh(84, 3.918, 118.759)

Have a look what the booklet for
CIELCh(84, 3.918, 118.759) contains.

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Color

CIELCh(84, 3.695, 115.531)

Conversions

Conversions Part 1

Format	Color
Hex	D1D2CB
RGB	209, 210, 203
RGB Percent	82%, 82%, 80%
CMY	0.1798, 0.1758, 0.2033
CMYK	0.00, 0.00, 0.03, 0.18
HSL	69°, 7%, 81%
HSV	69°, 3%, 82%
XYZ	60.2201, 64.0658, 65.7876
YIQ	208.9030, 1.6510, -2.3890

Conversions

Conversions Part 2

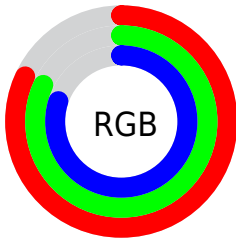
Format	Color
R _Y B	203, 210, 204
Decimal	13750987
CIE Lab	84.00, -1.59, 3.33
CIE LCh	84, 3.695, 115.531
Yxy	64.0658, 0.3168, 0.3371
Android (android.graphics.Color)	4291941067 (0xFFD1D2CB)
YUV	208.9030, -2.9102, 0.0851
Hunter-Lab	80.0411, -5.7747, 7.2970

Details

The CIELCh color `84, 3.695, 115.531` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `82, 3.742, 296.053`, and the grayscale version is `84, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `64, 3.907, 115.453` is the 20% darker color. If you saturate the color by 10%, you get `83, 14.793, 114.799`, and if you desaturate by 10%, it is `85, 7.429, 296.285`.

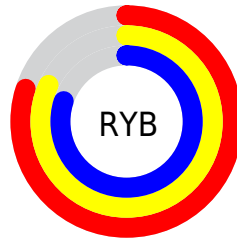
Distribution



Red (82%)

Green (82%)

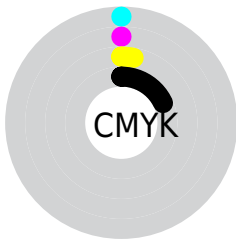
Blue (80%)



Red (80%)

Yellow (82%)

Blue (80%)

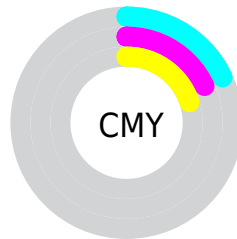


Cyan (0%)

Magenta (0%)

Yellow (3%)

Black (18%)



Cyan (18%)

Magenta (18%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 3.695, 115.531 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, 3.695, 115.531 by changing the saturation by 10% instead.

■ 84, 3.695, 115.531

■ 84, 3.695, 115.531

■ 100, 3.695,
115.531

■ 74, 3.695, 115.531

■ 64, 3.695, 115.531

■ 54, 3.695, 115.531

■ 44, 3.695, 115.531

■ 34, 3.695, 115.531

■ 24, 3.695, 115.531

■ 14, 3.695, 115.531

■ 4, 3.695, 115.531

■ 0, 3.695, 115.531

84, 3.695, 115.531

84, 3.695, 115.531

83, 14.793,
114.799

85, 7.429, 296.285

83, 25.798,
114.037

86, 18.540,
296.986

82, 36.616,
113.283

86, 23.773,
298.591

82, 47.105,
112.563

86, 23.915,
301.002

81, 57.048,
111.914

87, 24.097,
303.395

81, 66.122,
111.386

87, 24.319,
305.764

80, 73.885,
111.047

87, 24.580,
308.101

80, 79.815,
110.978

87, 24.881,
310.398

■ 80, 83.504,
111.247

■ 88, 25.219,
312.651

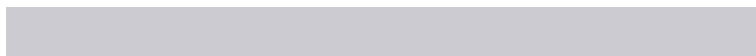
Harmonies

Complementary

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



84, 3.695, 115.531



82, 3.742, 296.053

Rectangle

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



84, 3.695, 115.531



84, 3.695, 165.531



84, 3.695, 295.531



84, 3.695, 345.531

Sweetspot

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



84, 3.697, 115.550



100, 1.290, 115.715



83, 2.274, 31.834



53, 0.733, 115.718



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, 3.697, 115.550



100, 5.193, 115.497



84, 4.036, 133.491



44, 3.136, 115.448



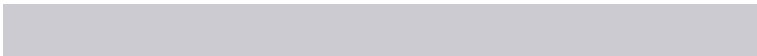
65, 71.979, 111.452



15, 23.734, 113.063

Inverse Universe

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



82, 3.742, 296.053



97, 5.259, 296.108



82, 4.067, 313.681



42, 3.178, 296.160



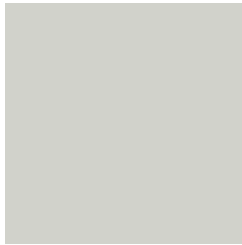
20, 97.101, 306.883



2, 25.696, 296.843

Previews

White Background



This preview shows how the CIELCh color 84, 3.695, 115.531 looks on a white background.

Color Contrast Check

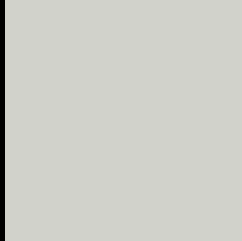
Large Text (above 18pt) WCAG AA × Fail

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, 3.695, 115.531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

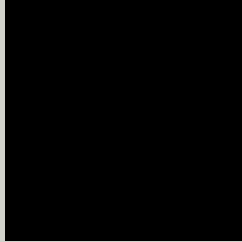
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

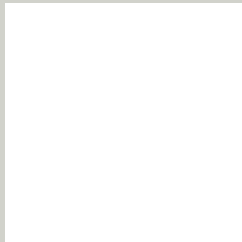
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 3.695, 115.531

Background



This preview shows how black text looks on a background with the CIELCh color 84, 3.695, 115.531.

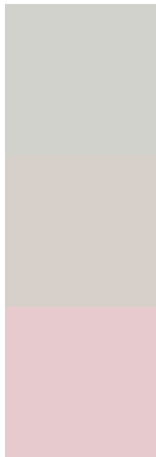


This preview shows how white text looks on a background with the CIELCh color 84, 3.695, 115.531.

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, 3.695, 115.531

Protanopia

84, 4.057, 70.339

Deuteranopia

84, 10.892, 11.909



Tritanopia
84, 8.659, 302.676

Trichromacy



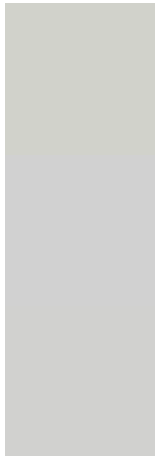
Original Color
84, 3.695, 115.531

Protanomaly
84, 3.946, 87.914

Deuteranomaly
84, 6.681, 24.322

Tritanomaly
84, 4.376, 304.758

Monochromacy



Original Color
84, 3.695, 115.531

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 1.043, 110.024

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 3.695, 115.531 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(209, 210, 203)` looks like.

```
.text, #text, p{  
    color:rgb(209, 210, 203)  
}
```

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(209, 210, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 210, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 3.695, 115.531 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(209, 210, 203) }
```

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

```
.border{ border-color:rgb(209, 210, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 210, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 210, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 210, 203);  
box-shadow:4px 4px 4px 4px rgb(209, 210,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 3.695, 115.531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 210, 203) }
```

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

```
.background{ background-color: rgb(209,  
210, 203) }
```

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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