

Converting Colors

CIELCh(84, 7.089, 124.646)

Have a look what the booklet for
CIELCh(84, 7.089, 124.646) contains.

CIELCh(84, 7.089, 124.646)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(84, 7.089, 124.646)

Conversions

Conversions Part 1

Format	Color
Hex	CED3C6
RGB	206, 211, 198
RGB Percent	81%, 83%, 78%
CMY	0.1906, 0.1709, 0.2219
CMYK	0.02, 0.00, 0.06, 0.17
HSL	83°, 13%, 80%
HSV	83°, 6%, 83%
XYZ	59.2005, 64.0658, 62.9148
YIQ	208.0230, 1.1930, -5.1030

Conversions

Conversions Part 2

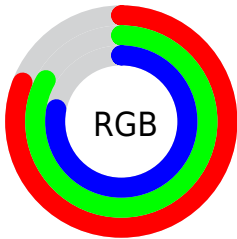
Format	Color
RYB	198, 211, 203
Decimal	13554630
CIELab	84.00, -4.03, 5.83
CIELCh	84, 7.089, 124.646
Yxy	64.0658, 0.3180, 0.3441
Android (android.graphics.Color)	4291744710 (0xFFCED3C6)
YUV	208.0230, -4.9413, -1.7742
Hunter-Lab	80.0411, -8.0486, 9.4250

Details

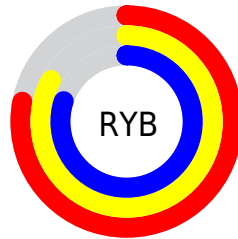
The CIELCh color `84, 7.089, 124.646` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `81, 7.179, 305.247`, and the grayscale version is `84, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `64, 7.493, 124.545` is the 20% darker color. If you saturate the color by 10%, you get `83, 18.630, 124.132`, and if you desaturate by 10%, it is `85, 4.443, 305.113`.

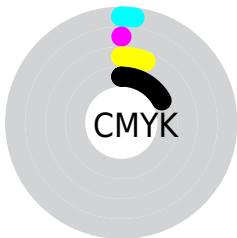
Distribution



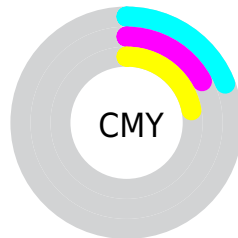
- Red (81%)
- Green (83%)
- Blue (78%)



- Red (78%)
- Yellow (83%)
- Blue (80%)



- Cyan (2%)
- Magenta (0%)
- Yellow (6%)
- Black (17%)



- Cyan (19%)
- Magenta (17%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 7.089, 124.646 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, 7.089, 124.646 by changing the saturation by 10% instead.

■ 84, 7.089, 124.646

■ 84, 7.089, 124.646

■ 100, 7.089,
124.646

■ 74, 7.089, 124.646

■ 64, 7.089, 124.646

■ 54, 7.089, 124.646

■ 44, 7.089, 124.646

■ 34, 7.089, 124.646

■ 24, 7.089, 124.646

■ 14, 7.089, 124.646

■ 4, 7.089, 124.646

■ 0, 7.089, 124.646

84, 7.089, 124.646

84, 7.089, 124.646

83, 18.630,
124.132

85, 4.443, 305.113

82, 30.095,
123.603

86, 15.919,
305.585

81, 41.377,
123.082

87, 23.865,
307.977

80, 52.312,
122.603

88, 24.767,
314.257

79, 62.660,
122.215

89, 25.941,
320.123

79, 72.075,
121.995

90, 27.320,
325.376

78, 80.094,
122.050

78, 86.212,
122.501

■ 77, 90.116,
123.438

Harmonies

Complementary

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



84, 7.089, 124.646



81, 7.179, 305.247

Rectangle

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



84, 7.089, 124.646



84, 7.089, 174.646



84, 7.089, 304.646



84, 7.089, 354.646

Sweetspot

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



84, 7.091, 124.653



100, 2.675, 124.883



82, 3.950, 61.156



53, 1.520, 124.890



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, 7.091, 124.653



99, 9.395, 124.605



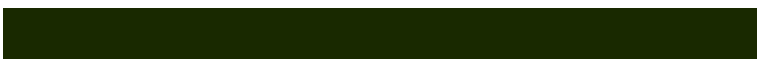
84, 8.074, 140.969



44, 5.187, 124.582



63, 76.866, 123.604



14, 25.186, 125.059

Inverse Universe

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



81, 7.179, 305.247



95, 9.523, 305.297



81, 8.104, 321.505



41, 5.260, 305.322



24, 93.562, 309.673



2, 26.223, 303.390

Previews

White Background



This preview shows how the CIELCh color 84, 7.089, 124.646 looks on a white background.

Color Contrast Check

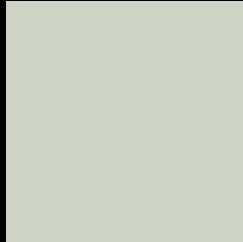
Large Text (above 18pt) WCAG AA × Fail

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, 7.089, 124.646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

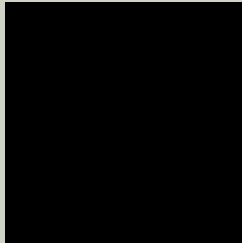
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

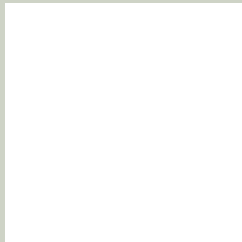
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 7.089, 124.646

Background



This preview shows how black text looks on a background with the CIELCh color 84, 7.089, 124.646.

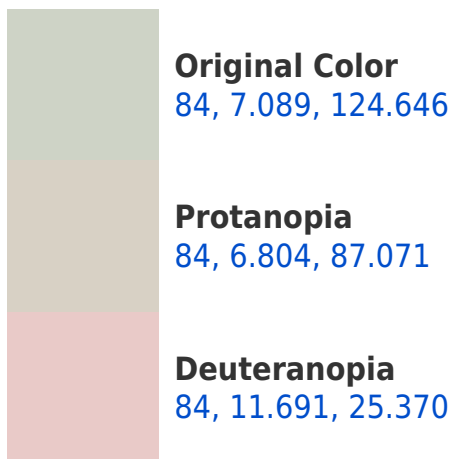


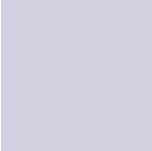
This preview shows how white text looks on a background with the CIELCh color 84, 7.089, 124.646.

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, 8.487, 295.664

Trichromacy



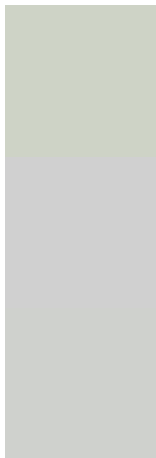
Original Color
84, 7.089, 124.646

Protanomaly
84, 6.387, 99.584

Deuteranomaly
84, 7.420, 44.888

Tritanomaly
84, 3.171, 290.471

Monochromacy



Original Color
84, 7.089, 124.646

Achromatopsia
83, 0.010, 296.813

Achromatomaly
84, 2.229, 129.041

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 7.089, 124.646 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(206, 211, 198)` looks like.

```
.text, #text, p{  
    color:rgb(206, 211, 198)  
}
```

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(206, 211, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 211, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 7.089, 124.646 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(206, 211, 198) }
```

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

```
.border{ border-color:rgb(206, 211, 198) }
```

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

Here you see how a box with a 4 pixel rgb(206, 211, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 211, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 211, 198);  
box-shadow:4px 4px 4px 4px rgb(206, 211,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 7.089, 124.646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 211, 198) }
```

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

```
.background{ background-color: rgb(206,  
211, 198) }
```

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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