

Converting Colors

CIELCh(84, 6.235, 327.207)

Have a look what the booklet for
CIELCh(84, 6.235, 327.207) contains.

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Color

CIELCh(84, 5.996, 327.487)

Conversions

Conversions Part 1

Format	Color
Hex	D9CFD8
RGB	217, 207, 216
RGB Percent	85%, 81%, 85%
CMY	0.1506, 0.1897, 0.1545
CMYK	0.00, 0.05, 0.00, 0.15
HSL	306°, 12%, 83%
HSV	306°, 5%, 85%
XYZ	63.0607, 64.0658, 73.7420
YIQ	211.0160, 3.0710, 4.9190

Conversions

Conversions Part 2

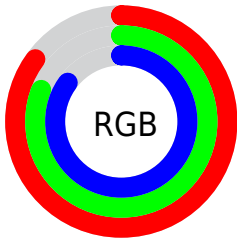
Format	Color
RYB	217, 207, 216
Decimal	14274520
CIELab	84.00, 5.06, -3.22
CIELCh	84, 5.996, 327.487
Yxy	64.0658, 0.3139, 0.3189
Android (android.graphics.Color)	4292464600 (0xFFD9CFD8)
YUV	211.0160, 2.4571, 5.2480
Hunter-Lab	80.0411, 0.5601, 1.4048

Details

The CIELCh color `84, 5.996, 327.487` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `86, 5.974, 147.051`, 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, 5.656, 327.884` is the 20% darker color. If you saturate the color by 10%, you get `79, 19.091, 328.104`, and if you desaturate by 10%, it is `90, 6.910, 147.014`.

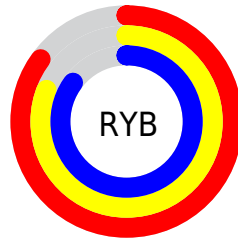
Distribution



Red (85%)

Green (81%)

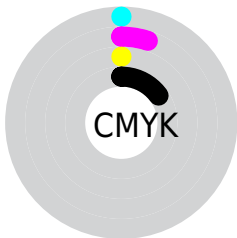
Blue (85%)



Red (85%)

Yellow (81%)

Blue (85%)

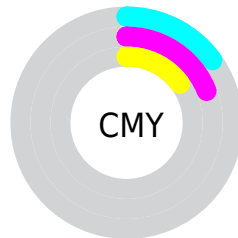


Cyan (0%)

Magenta (5%)

Yellow (0%)

Black (15%)



Cyan (15%)

Magenta (19%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 5.996, 327.487 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, 5.996, 327.487 by changing the saturation by 10% instead.

■ 84, 5.996, 327.487

■ 84, 5.996, 327.487

■ 100, 5.996,
327.487

■ 74, 5.996, 327.487

■ 64, 5.996, 327.487

■ 54, 5.996, 327.487

■ 44, 5.996, 327.487

■ 34, 5.996, 327.487

■ 24, 5.996, 327.487

■ 14, 5.996, 327.487

■ 4, 5.996, 327.487

■ 0, 5.996, 327.487

84, 5.996, 327.487

84, 5.996, 327.487

79, 19.091,
328.104

90, 6.910, 147.014

73, 32.219,
328.699

95, 19.520,
146.439

68, 45.126,
329.291

97, 21.741,
147.642

64, 57.462,
329.872

97, 20.873,
149.501

60, 68.768,
330.435

97, 20.026,
151.513

56, 78.508,
330.972

97, 19.202,
153.694

54, 86.145,
331.483

97, 18.406,
156.061

52, 91.274,
331.972

97, 17.641,
158.631

■ 51, 93.784,
332.453

■ 97, 16.912,
161.421

Harmonies

Complementary

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



84, 5.996, 327.487



86, 5.974, 147.051

Rectangle

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



84, 5.996, 327.487



84, 5.996, 17.487



84, 5.996, 147.487



84, 5.996, 197.487

Sweetspot

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



84, 5.994, 327.488



99, 1.486, 327.104



83, 5.303, 294.495



53, 0.845, 327.089



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, 5.994, 327.488



96, 8.905, 327.583



84, 4.224, 349.713



43, 5.120, 327.617



40, 79.182, 332.633



6, 30.631, 331.575

Inverse Universe

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



84, 5.994, 327.488



96, 8.905, 327.583



86, 4.176, 169.122



43, 5.120, 327.617



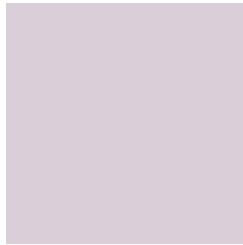
40, 79.182, 332.633



6, 30.631, 331.575

Previews

White Background



This preview shows how the CIELCh color 84, 5.996, 327.487 looks on a white background.

Color Contrast Check

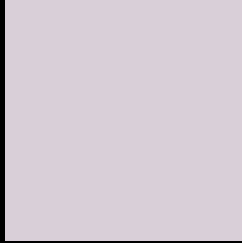
Large Text (above 18pt) WCAG AA × Fail

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, 5.996, 327.487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

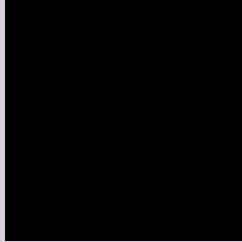
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

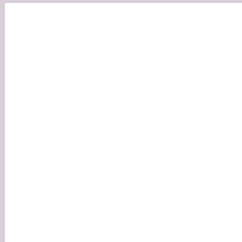
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 5.996, 327.487

Background



This preview shows how black text looks on a background with the CIELCh color 84, 5.996, 327.487.



This preview shows how white text looks on a background with the CIELCh color 84, 5.996, 327.487.

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, 9.514, 317.579

Trichromacy



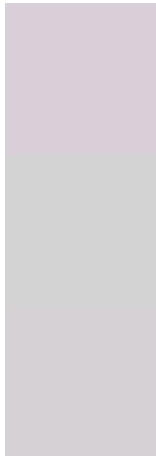
Original Color
84, 5.996, 327.487

Protanomaly
84, 5.247, 314.806

Deuteranomaly
84, 9.388, 337.773

Tritanomaly
84, 8.416, 318.633

Monochromacy



Original Color
84, 5.996, 327.487

Achromatopsia
85, 0.010, 296.813

Achromatomaly
84, 2.577, 324.440

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 5.996, 327.487 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(217, 207, 216)` looks like.

```
.text, #text, p{  
    color:rgb(217, 207, 216)  
}
```

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(217, 207, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 207, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 5.996, 327.487 is called "border". The border property can be set on classes, ids or directly on the HTML element.

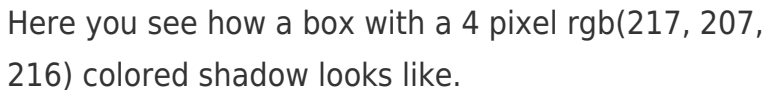
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 207, 216) }
```

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

```
.border{ border-color:rgb(217, 207, 216) }
```

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



Here you see how a box with a 4 pixel `rgb(217, 207, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 207, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 207, 216);  
box-shadow:4px 4px 4px 4px rgb(217, 207,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 5.996, 327.487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 207, 216) }
```

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

```
.background{ background-color: rgb(217,  
207, 216) }
```

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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