

Converting Colors

CIELCh(84, 2.601, 121.527)

Have a look what the booklet for
CIELCh(84, 2.601, 121.527) contains.

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Color

CIELCh(84, 2.651, 117.839)

Conversions

Conversions Part 1

Format	Color
Hex	D1D2CD
RGB	209, 210, 205
RGB Percent	82%, 82%, 80%
CMY	0.1803, 0.1764, 0.1960
CMYK	0.00, 0.00, 0.02, 0.18
HSL	72°, 5%, 81%
HSV	72°, 2%, 82%
XYZ	60.3694, 64.0658, 66.9499
YIQ	209.1310, 1.0090, -1.7670

Conversions

Conversions Part 2

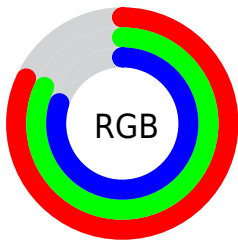
Format	Color
R _Y B	205, 210, 206
Decimal	13750989
CIE Lab	84.00, -1.24, 2.34
CIE LCh	84, 2.651, 117.839
Yxy	64.0658, 0.3154, 0.3347
Android (android.graphics.Color)	4291941069 (0xFFD1D2CD)
YUV	209.1310, -2.0366, -0.1149
Hunter-Lab	80.0411, -5.4418, 6.4360

Details

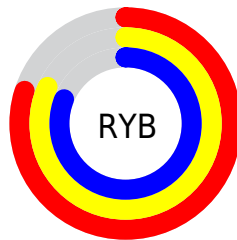
The CIELCh color `84, 2.651, 117.839` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `83, 2.685, 298.173`, and the grayscale version is `84, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `64, 2.803, 117.787` is the 20% darker color. If you saturate the color by 10%, you get `83, 13.811, 117.180`, and if you desaturate by 10%, it is `85, 8.521, 298.512`.

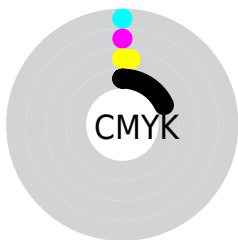
Distribution



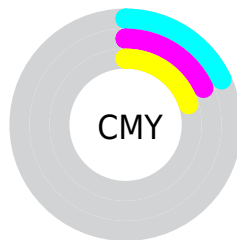
- Red (82%)
- Green (82%)
- Blue (80%)



- Red (80%)
- Yellow (82%)
- Blue (81%)



- Cyan (0%)
- Magenta (0%)
- Yellow (2%)
- Black (18%)



- Cyan (18%)
- Magenta (18%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 2.651, 117.839 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, 2.651, 117.839 by changing the saturation by 10% instead.

■ 84, 2.651, 117.839

■ 84, 2.651, 117.839

■ 100, 2.651,
117.839

■ 74, 2.651, 117.839

■ 64, 2.651, 117.839

■ 54, 2.651, 117.839

■ 44, 2.651, 117.839

■ 34, 2.651, 117.839

■ 24, 2.651, 117.839

■ 14, 2.651, 117.839

■ 4, 2.651, 117.839

■ 0, 2.651, 117.839

84, 2.651, 117.839

84, 2.651, 117.839

83, 13.811,
117.180

85, 8.521, 298.512

82, 24.891,
116.489

86, 19.668,
299.139

82, 35.802,
115.804

86, 24.022,
301.448

81, 46.407,
115.151

87, 24.298,
304.772

81, 56.499,
114.567

87, 24.651,
308.040

80, 65.770,
114.108

87, 25.080,
311.233

80, 73.793,
113.851

88, 25.583,
314.336

79, 80.054,
113.885

88, 26.156,
317.334

■ 79, 84.123,
114.297

■ 88, 26.796,
320.220

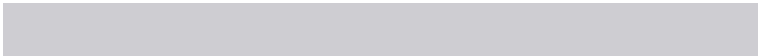
Harmonies

Complementary

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



84, 2.651, 117.839



83, 2.685, 298.173

Rectangle

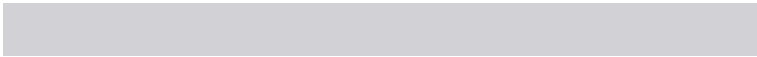
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84, 2.651, 117.839



84, 2.651, 167.839



84, 2.651, 297.839



84, 2.651, 347.839

Sweetspot

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



84, 2.653, 117.863



100, 1.297, 117.960



83, 1.547, 39.065



53, 0.737, 117.964



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, 2.653, 117.863



100, 3.913, 117.818



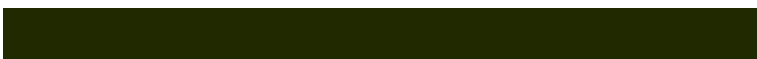
84, 2.933, 135.700



44, 2.521, 117.769



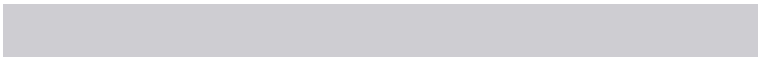
64, 72.842, 114.663



15, 23.976, 116.160

Inverse Universe

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



83, 2.685, 298.173



98, 3.959, 298.219



83, 2.956, 315.769



43, 2.552, 298.270



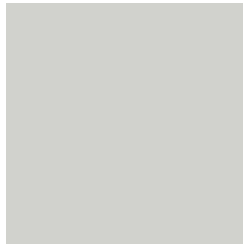
21, 96.479, 307.310



2, 25.781, 298.278

Previews

White Background



This preview shows how the CIELCh color 84, 2.651, 117.839 looks on a white background.

Color Contrast Check

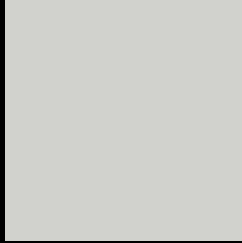
Large Text (above 18pt) WCAG AA × Fail

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, 2.651, 117.839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

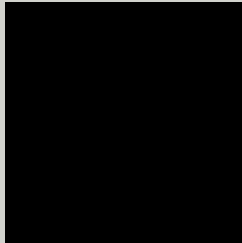
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

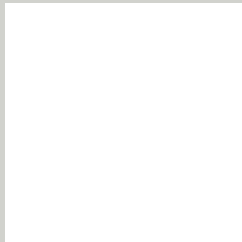
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 2.651, 117.839

Background



This preview shows how black text looks on a background with the CIELCh color 84, 2.651, 117.839.



This preview shows how white text looks on a background with the CIELCh color 84, 2.651, 117.839.

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, 2.651, 117.839

Protanopia

84, 3.029, 63.268

Deuteranopia

84, 10.508, 11.572



Tritanopia
84, 9.176, 302.026

Trichromacy



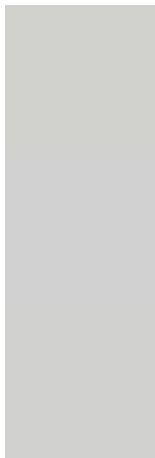
Original Color
84, 2.651, 117.839

Protanomaly
84, 2.833, 87.079

Deuteranomaly
84, 6.270, 19.787

Tritanomaly
84, 4.889, 303.260

Monochromacy



Original Color
84, 2.651, 117.839

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 0.517, 110.004

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 2.651, 117.839 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, 205)` looks like.

```
.text, #text, p{  
    color:rgb(209, 210, 205)  
}
```

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, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 210, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 2.651, 117.839 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, 205) }
```

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

```
.border{ border-color:rgb(209, 210, 205) }
```

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, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 210, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 210, 205);  
box-shadow:4px 4px 4px 4px rgb(209, 210,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 2.651, 117.839 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, 205) }
```

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

```
.background{ background-color: rgb(209,  
210, 205) }
```

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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