

Converting Colors

CIELCh(84, 15.937, 284.202)

Have a look what the booklet for
CIELCh(84, 15.937, 284.202)
contains.

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Color

CIELCh(84, 15.920, 284.201)

Conversions

Conversions Part 1

Format	Color
Hex	CAD0EE
RGB	202, 208, 238
RGB Percent	79%, 82%, 93%
CMY	0.2066, 0.1830, 0.0653
CMYK	0.15, 0.13, 0.00, 0.07
HSL	230°, 52%, 86%
HSV	230°, 15%, 93%
XYZ	62.5629, 64.0658, 90.2163
YIQ	209.6260, -13.2060, 8.0580

Conversions

Conversions Part 2

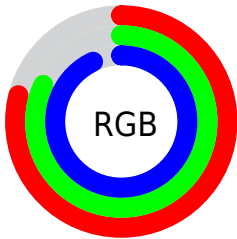
Format	Color
R _Y B	202, 207, 238
Decimal	13291758
CIE Lab	84.00, 3.91, -15.43
CIE LCh	84, 15.920, 284.201
Yxy	64.0658, 0.2885, 0.2954
Android (android.graphics.Color)	4291481838 (0xFFCAD0EE)
YUV	209.6260, 13.9884, -6.6880
Hunter-Lab	80.0411, -0.5502, -10.7984

Details

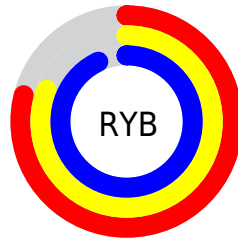
The CIELCh color `84, 15.920, 284.201` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `92, 15.594, 100.635`, and the grayscale version is `84, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `64, 15.714, 284.122` is the 20% darker color. If you saturate the color by 10%, you get `77, 26.885, 285.688`, and if you desaturate by 10%, it is `91, 5.305, 282.941`.

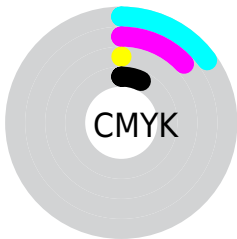
Distribution



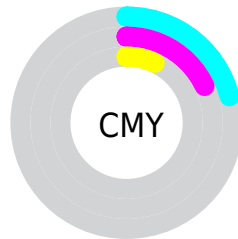
- Red (79%)
- Green (82%)
- Blue (93%)



- Red (79%)
- Yellow (81%)
- Blue (93%)



- Cyan (15%)
- Magenta (13%)
- Yellow (0%)
- Black (7%)



- Cyan (21%)
- Magenta (18%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 15.920, 284.201 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, 15.920, 284.201 by changing the saturation by 10% instead.

■ 84, 15.920,
284.201

■ 84, 15.920,
284.201

■ 100, 15.920,
284.201

■ 74, 15.920,
284.201

■ 64, 15.920,
284.201

■ 54, 15.920,
284.201

■ 44, 15.920,
284.201

■ 34, 15.920,
284.201

■ 24, 15.920,
284.201

■ 14, 15.920,

284.201

■ 4, 15.920, 284.201

■ 0, 15.920, 284.201

■ 84, 15.920,
284.201

■ 84, 15.920,
284.201

■ 77, 26.885,
285.688

■ 91, 5.305, 282.941

■ 70, 38.236,
287.437

■ 98, 4.982, 101.786

■ 64, 50.008,
289.478

■ 100, 8.435,
109.537

■ 57, 62.225,
291.828

■ 51, 74.860,

294.468

■ 45, 87.738,
297.308

■ 39, 100.357,
300.164

■ 35, 111.710,
302.754

■ 33, 116.415,
303.799

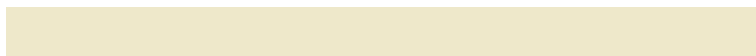
Harmonies

Complementary

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



84, 15.920, 284.201



92, 15.594, 100.635

Rectangle

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



84, 15.920, 284.201



84, 15.920, 334.201



84, 15.920, 104.201



84, 15.920, 154.201

Sweetspot

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



84, 15.918, 284.197



96, 5.484, 282.931



92, 12.941, 183.227



51, 3.745, 283.011



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, 15.918, 284.197



87, 20.127, 284.613



83, 19.520, 303.336



47, 5.963, 283.460



25, 94.541, 303.432



4, 33.458, 295.568

Inverse Universe

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



85, 13.728, 7.241



88, 17.419, 7.581



93, 18.971, 121.580



47, 5.105, 6.627



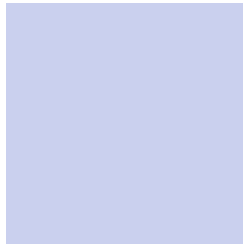
38, 74.212, 31.816



8, 29.103, 16.989

Previews

White Background



This preview shows how the CIELCh color 84, 15.920, 284.201 looks on a white background.

Color Contrast Check

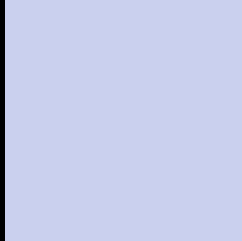
Large Text (above 18pt) WCAG AA × Fail

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, 15.920, 284.201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

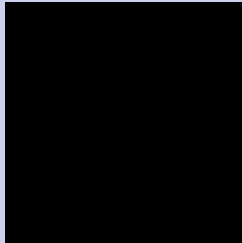
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 15.920, 284.201

Background



This preview shows how black text looks on a background with the CIELCh color 84, 15.920, 284.201.

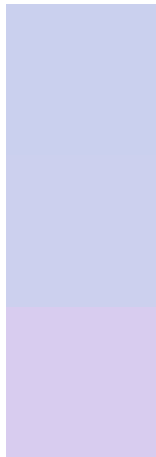


This preview shows how white text looks on a background with the CIELCh color 84, 15.920, 284.201.

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, 15.920, 284.201

Protanopia

84, 15.861, 286.620

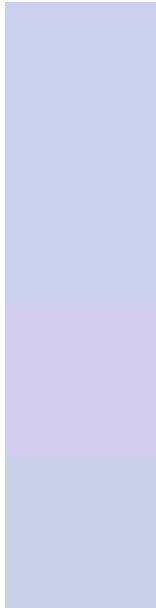
Deuteranopia

84, 19.016, 304.241



Tritanopia
84, 9.540, 269.694

Trichromacy



Original Color
84, 15.920, 284.201

Protanomaly
84, 15.887, 285.407

Deuteranomaly
84, 17.544, 297.241

Tritanomaly
84, 11.870, 277.798

Monochromacy



Original Color
84, 15.920, 284.201

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 5.837, 283.728

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 15.920, 284.201 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(202, 208, 238)` looks like.

```
.text, #text, p{  
    color:rgb(202, 208, 238)  
}
```

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(202, 208, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 208, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 15.920, 284.201 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(202, 208, 238) }
```

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

```
.border{ border-color:rgb(202, 208, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 208, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 208, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 208, 238);  
box-shadow:4px 4px 4px 4px rgb(202, 208,  
238) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 15.920, 284.201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 208, 238) }
```

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

```
.background{ background-color: rgb(202,  
208, 238) }
```

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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