

Converting Colors

CIELCh(84, 25.235, 288.885)

Have a look what the booklet for
CIELCh(84, 25.235, 288.885)
contains.

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Color

CIELCh(84, 25.352, 289.370)

Conversions

Conversions Part 1

Format	Color
Hex	CACEFE
RGB	202, 206, 254
RGB Percent	79%, 81%, 100%
CMY	0.2066, 0.1909, 0.0027
CMYK	0.20, 0.19, 0.00, 0.00
HSL	235°, 97%, 90%
HSV	235°, 20%, 100%
XYZ	64.5262, 64.0658, 102.9995
YIQ	210.2760, -17.7920, 14.0800

Conversions

Conversions Part 2

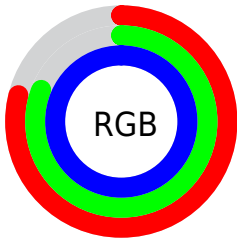
Format	Color
R _Y B	202, 206, 254
Decimal	13291262
CIE Lab	84.00, 8.41, -23.92
CIE LCh	84, 25.352, 289.370
Yxy	64.0658, 0.2786, 0.2766
Android (android.graphics.Color)	4291481342 (0xFFCACEFE)
YUV	210.2760, 21.5559, -7.2581
Hunter-Lab	80.0411, 3.8282, -20.2676

Details

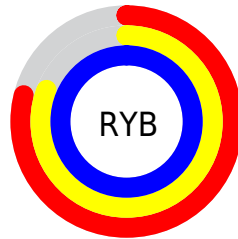
The CIELCh color `84, 25.352, 289.370` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `98, 24.358, 104.761`, and the grayscale version is `84, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `64, 25.136, 288.997` is the 20% darker color. If you saturate the color by 10%, you get `76, 38.493, 290.906`, and if you desaturate by 10%, it is `92, 12.716, 288.064`.

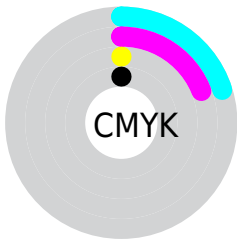
Distribution



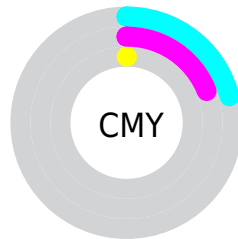
- Red (79%)
- Green (81%)
- Blue (100%)



- Red (79%)
- Yellow (81%)
- Blue (100%)



- Cyan (20%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)





- Cyan (21%)
- Magenta (19%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 25.352, 289.370 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, 25.352, 289.370 by changing the saturation by 10% instead.


 84, 25.352,
289.370


 84, 25.352,
289.370


 100, 25.352,
289.370


 74, 25.352,
289.370

 64, 25.352,
289.370

 54, 25.352,
289.370

 44, 25.352,
289.370

 34, 25.352,
289.370

 24, 25.352,
289.370

 14, 25.352,

289.370

■ 4, 25.352, 289.370

■ 0, 25.352, 289.370

■ 84, 25.352,
289.370

■ 84, 25.352,
289.370

■ 76, 38.493,
290.906

■ 92, 12.716,
288.064

■ 69, 52.181,
292.708

■ 99, 0.549, 287.152

■ 61, 66.428,
294.789

100, 0.333,
109.921

■ 54, 81.159,
297.129

■ 47, 96.062,

299.633

■ 41, 110.327,
302.097

■ 36, 122.413,
304.210

■ 33, 130.175,
305.582

Harmonies

Complementary

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



84, 25.352, 289.370



98, 24.358, 104.761

Rectangle

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



84, 25.352, 289.370



84, 25.352, 339.370



84, 25.352, 109.370



84, 25.352, 159.370

Sweetspot

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



84, 25.350, 289.368



95, 7.261, 287.554



96, 17.529, 191.015



50, 4.821, 287.626



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, 25.350, 289.368



81, 31.332, 290.038



85, 28.504, 307.188



49, 6.921, 287.952



24, 104.254, 305.367



4, 41.684, 300.411

Inverse Universe

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



86, 19.646, 14.860



83, 24.435, 15.402



97, 27.566, 125.092



50, 5.272, 13.732



40, 81.033, 37.045



10, 32.764, 24.070

Previews

White Background



This preview shows how the CIELCh color 84, 25.352, 289.370 looks on a white background.

Color Contrast Check

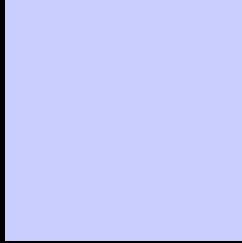
Large Text (above 18pt) WCAG AA × Fail

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, 25.352, 289.370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

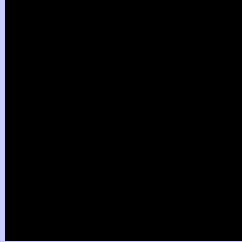
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 25.352, 289.370

Background



This preview shows how black text looks on a background with the CIELCh color 84, 25.352, 289.370.



This preview shows how white text looks on a background with the CIELCh color 84, 25.352, 289.370.

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, 25.352, 289.370

Protanopia

84, 25.401, 286.452

Deuteranopia

84, 26.433, 293.827



Tritanopia
84, 10.073, 262.390

Trichromacy



Original Color
84, 25.352, 289.370

Protanomaly
84, 25.378, 287.174

Deuteranomaly
84, 26.416, 292.410

Tritanomaly
84, 15.588, 278.985

Monochromacy



Original Color
84, 25.352, 289.370

Achromatopsia
85, 0.010, 296.813

Achromatomaly
84, 9.495, 288.888

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 25.352, 289.370 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, 206, 254)` looks like.

```
.text, #text, p{  
    color:rgb(202, 206, 254)  
}
```

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, 206, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 206, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 25.352, 289.370 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, 206, 254) }
```

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

```
.border{ border-color:rgb(202, 206, 254) }
```

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

Here you see how a box with a 4 pixel rgb(202, 206, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 206, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 206, 254);  
box-shadow:4px 4px 4px 4px rgb(202, 206,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 25.352, 289.370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 206, 254) }
```

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

```
.background{ background-color: rgb(202,  
206, 254) }
```

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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