

Converting Colors

CIELCh(84, 25.944, 291.032)

Have a look what the booklet for
CIELCh(84, 25.944, 291.032)
contains.

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Color

CIELCh(84, 25.864, 290.915)

Conversions

Conversions Part 1

Format	Color
Hex	CCCEFF
RGB	204, 206, 255
RGB Percent	80%, 81%, 100%
CMY	0.2008, 0.1929, 0.0008
CMYK	0.20, 0.19, 0.00, 0.00
HSL	238°, 99%, 90%
HSV	238°, 20%, 100%
XYZ	64.8901, 64.0658, 103.3822
YIQ	210.9880, -16.9210, 14.8150

Conversions

Conversions Part 2

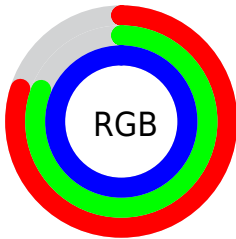
Format	Color
RYB	204, 206, 255
Decimal	13422335
CIELab	84.00, 9.23, -24.16
CIELCh	84, 25.864, 290.915
Yxy	64.0658, 0.2793, 0.2757
Android (android.graphics.Color)	4291612415 (0xFFCCCEFF)
YUV	210.9880, 21.6979, -6.1285
Hunter-Lab	80.0411, 4.6397, -20.5511

Details

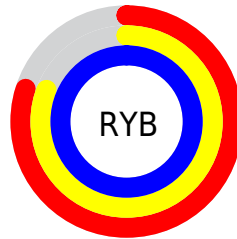
The CIELCh color `84, 25.864, 290.915` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `98, 24.774, 106.545`, and the grayscale version is `84, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `64, 25.668, 290.622` is the 20% darker color. If you saturate the color by 10%, you get `76, 39.588, 292.406`, and if you desaturate by 10%, it is `92, 12.689, 289.650`.

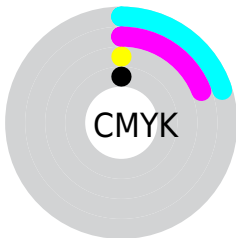
Distribution



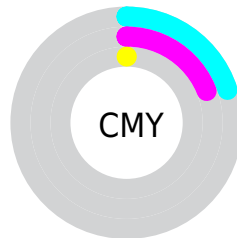
- Red (80%)
- Green (81%)
- Blue (100%)



- Red (80%)
- Yellow (81%)
- Blue (100%)



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





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 25.864, 290.915 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, 25.864, 290.915 by changing the saturation by 10% instead.


 84, 25.864,
290.915


 84, 25.864,
290.915


 100, 25.864,
290.915


 74, 25.864,
290.915

 64, 25.864,
290.915

 54, 25.864,
290.915

 44, 25.864,
290.915

 34, 25.864,
290.915

 24, 25.864,
290.915

 14, 25.864,

290.915

■ 4, 25.864, 290.915

■ 0, 25.864, 290.915

■ 84, 25.864,
290.915

■ 84, 25.864,
290.915

■ 76, 39.588,
292.406

■ 92, 12.689,
289.650

■ 68, 53.903,
294.154

100, 0.027,
292.120

■ 60, 68.805,
296.170

100, 0.091,
109.321

■ 53, 84.171,
298.422

■ 46, 99.572,

300.799

■ 40, 113.968,
303.072

■ 35, 125.505,
304.905

■ 33, 132.205,
305.971

Harmonies

Complementary

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



84, 25.864, 290.915



98, 24.774, 106.545

Rectangle

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



84, 25.864, 290.915



84, 25.864, 340.915



84, 25.864, 110.915



84, 25.864, 160.915

Sweetspot

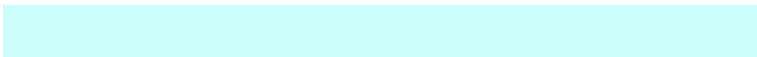
The Sweet Spot groups the original color and five complimentary colors.



84, 25.862, 290.913



95, 7.554, 289.203



97, 17.036, 193.949



50, 5.016, 289.273



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, 25.862, 290.913



81, 31.287, 291.480



85, 28.066, 308.309



49, 7.203, 289.591



23, 106.022, 305.835



4, 42.881, 301.100

Inverse Universe

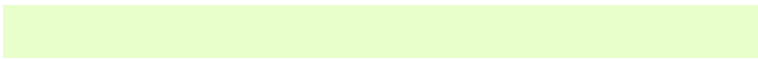
The Inverse Universe completely reimagines the original color for something new.



86, 19.219, 17.769



84, 23.399, 18.209



97, 27.218, 126.346



49, 5.255, 16.765



40, 82.536, 38.494



10, 33.047, 25.603

Previews

White Background



This preview shows how the CIELCh color 84, 25.864, 290.915 looks on a white background.

Color Contrast Check

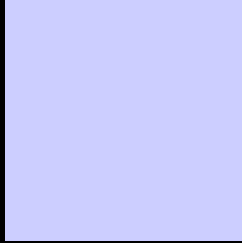
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 84, 25.864, 290.915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

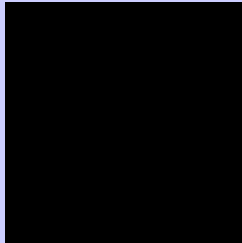
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 25.864, 290.915

Background



This preview shows how black text looks on a background with the CIELCh color 84, 25.864, 290.915.

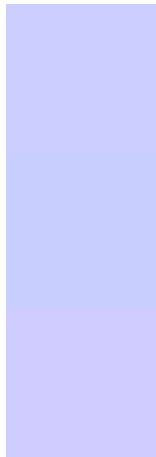


This preview shows how white text looks on a background with the CIELCh color 84, 25.864, 290.915.

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, 25.864, 290.915

Protanopia

84, 25.401, 286.452

Deuteranopia

84, 26.433, 293.827



Tritanopia
84, 9.314, 264.469

Trichromacy



Original Color
84, 25.864, 290.915

Protanomaly
84, 25.358, 287.900

Deuteranomaly
84, 26.423, 293.118

Tritanomaly
84, 14.956, 280.993

Monochromacy



Original Color
84, 25.864, 290.915

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, 25.864, 290.915 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(204, 206, 255)` looks like.

```
.text, #text, p{  
    color:rgb(204, 206, 255)  
}
```

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(204, 206, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 206, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 25.864, 290.915 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(204, 206, 255) }
```

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

```
.border{ border-color:rgb(204, 206, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 206, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 206, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 206, 255);  
box-shadow:4px 4px 4px 4px rgb(204, 206,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 25.864, 290.915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 206, 255) }
```

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

```
.background{ background-color: rgb(204,  
206, 255) }
```

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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