

Converting Colors

CIELCh(84, 26.868, 294.575)

Have a look what the booklet for
CIELCh(84, 26.868, 294.575)
contains.

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Color

CIELCh(84, 26.448, 294.537)

Conversions

Conversions Part 1

Format	Color
Hex	D0CDFF
RGB	208, 205, 255
RGB Percent	82%, 80%, 100%
CMY	0.1856, 0.1973, 0.0013
CMYK	0.18, 0.20, 0.00, 0.00
HSL	244°, 99%, 90%
HSV	244°, 20%, 100%
XYZ	65.6671, 64.0658, 103.2241
YIQ	211.5970, -14.2620, 16.1860

Conversions

Conversions Part 2

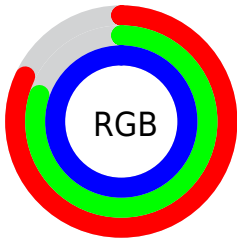
Format	Color
R _Y B	208, 205, 255
Decimal	13684223
CIE Lab	84.00, 10.98, -24.06
CIE LCh	84, 26.448, 294.537
Yxy	64.0658, 0.2819, 0.2750
Android (android.graphics.Color)	4291874303 (0xFFD0CDFF)
YUV	211.5970, 21.3977, -3.1546
Hunter-Lab	80.0411, 6.3726, -20.4339

Details

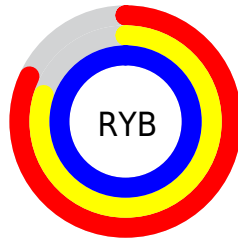
The CIELCh color `84, 26.448, 294.537` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `99, 25.266, 110.803`, and the grayscale version is `85, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `64, 26.268, 294.396` is the 20% darker color. If you saturate the color by 10%, you get `76, 40.767, 295.821`, and if you desaturate by 10%, it is `92, 12.713, 293.440`.

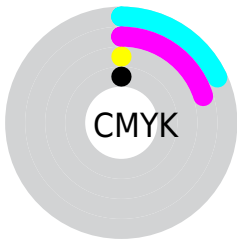
Distribution



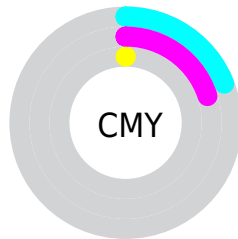
- Red (82%)
- Green (80%)
- Blue (100%)



- Red (82%)
- Yellow (80%)
- Blue (100%)



- Cyan (18%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 26.448, 294.537 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, 26.448, 294.537 by changing the saturation by 10% instead.


 84, 26.448,
294.537

 84, 26.448,
294.537


 100, 26.448,
294.537


 74, 26.448,
294.537

 64, 26.448,
294.537

 54, 26.448,
294.537

 44, 26.448,
294.537

 34, 26.448,
294.537

 24, 26.448,
294.537

 14, 26.448,

294.537

■ 4, 26.448, 294.537

■ 0, 26.448, 294.537

■ 84, 26.448,
294.537

■ 84, 26.448,
294.537

■ 76, 40.767,
295.821

■ 92, 12.713,
293.440

■ 68, 55.693,
297.313

100, 0.161,
109.687

■ 60, 71.180,
299.012

■ 52, 87.025,
300.878

■ 45, 102.656,

302.795

■ 39, 116.831,
304.538

■ 35, 127.534,
305.796

■ 33, 133.242,
306.391

■ 32, 133.408,
306.412

Harmonies

Complementary

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



84, 26.448, 294.537



99, 25.266, 110.803

Rectangle

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



84, 26.448, 294.537



84, 26.448, 344.537



84, 26.448, 114.537



84, 26.448, 164.537

Sweetspot

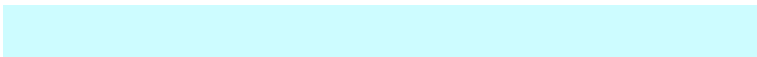
The Sweet Spot groups the original color and five complimentary colors.



84, 26.446, 294.536



95, 7.878, 293.086



96, 15.744, 203.157



50, 5.231, 293.148



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, 26.446, 294.536



81, 32.670, 295.073



86, 28.003, 311.676



49, 7.514, 293.428



23, 107.482, 306.457



4, 44.271, 302.956

Inverse Universe

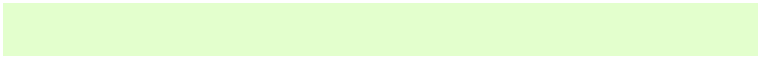
The Inverse Universe completely reimagines the original color for something new.



88, 30.105, 327.200



85, 36.860, 327.453



97, 27.339, 129.919



50, 8.695, 326.608



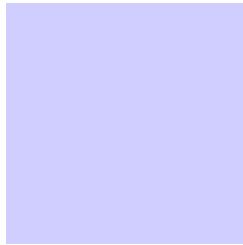
45, 88.801, 330.774



12, 41.085, 330.451

Previews

White Background



This preview shows how the CIELCh color 84, 26.448, 294.537 looks on a white background.

Color Contrast Check

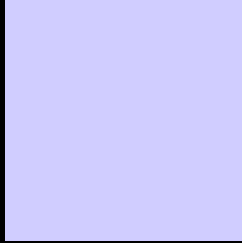
Large Text (above 18pt) WCAG AA × Fail

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, 26.448, 294.537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

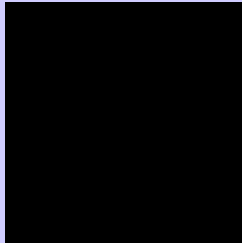
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 26.448, 294.537

Background



This preview shows how black text looks on a background with the CIELCh color 84, 26.448, 294.537.

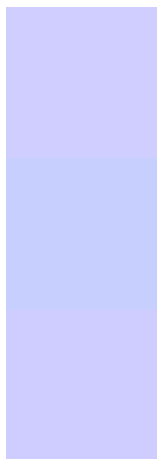


This preview shows how white text looks on a background with the CIELCh color 84, 26.448, 294.537.

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

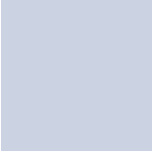
84, 26.448, 294.537

Protanopia

84, 25.401, 286.452

Deuteranopia

84, 26.433, 293.827



Tritanopia
84, 8.734, 274.720

Trichromacy



Original Color
84, 26.448, 294.537

Protanomaly
84, 25.877, 289.479

Deuteranomaly
84, 26.433, 293.827

Tritanomaly
84, 14.791, 287.472

Monochromacy



Original Color
84, 26.448, 294.537

Achromatopsia
85, 0.010, 296.813

Achromatomaly
84, 9.505, 293.102

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 26.448, 294.537 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(208, 205, 255)` looks like.

```
.text, #text, p{  
    color:rgb(208, 205, 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(208, 205, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 205, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 26.448, 294.537 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(208, 205, 255) }
```

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

```
.border{ border-color:rgb(208, 205, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 205, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 205, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 205, 255);  
box-shadow:4px 4px 4px 4px rgb(208, 205,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 26.448, 294.537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 205, 255) }
```

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

```
.background{ background-color: rgb(208,  
205, 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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