

Converting Colors

CIELCh(84, 28.262, 286.229)

Have a look what the booklet for
CIELCh(84, 28.262, 286.229)
contains.

CIELCh(84, 25.460, 285.018)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(84, 25.460, 285.018)

Conversions

Conversions Part 1

Format	Color
Hex	C6D0FF
RGB	198, 208, 255
RGB Percent	78%, 82%, 100%
CMY	0.2254, 0.1862, 0.0000
CMYK	0.23, 0.19, 0.00, 0.00
HSL	230°, 100%, 89%
HSV	230°, 23%, 100%
XYZ	63.7316, 64.0658, 104.0630
YIQ	210.3680, -21.0470, 12.4970

Conversions

Conversions Part 2

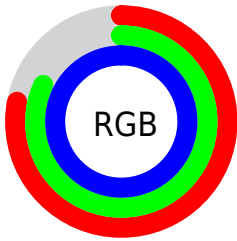
Format	Color
R_{YB}	198, 207, 255
Decimal	13029631
CIE Lab	84.00, 6.60, -24.59
CIE LCh	84, 25.460, 285.018
Yxy	64.0658, 0.2749, 0.2763
Android (android.graphics.Color)	4291219711 (0xFFC6D0FF)
YUV	210.3680, 22.0036, -10.8467
Hunter-Lab	80.0411, 2.0562, -21.0554

Details

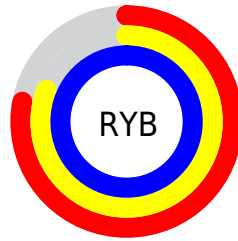
The CIELCh color `84, 25.460, 285.018` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `96, 24.437, 99.347`, and the grayscale version is `84, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `64, 24.691, 284.240` is the 20% darker color. If you saturate the color by 10%, you get `77, 36.959, 286.601`, and if you desaturate by 10%, it is `91, 13.793, 283.460`.

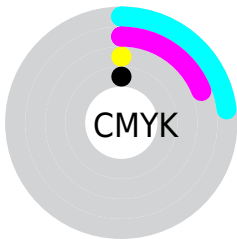
Distribution



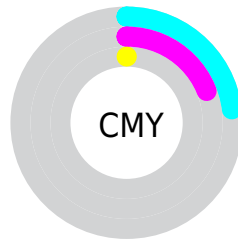
- Red (78%)
- Green (82%)
- Blue (100%)



- Red (78%)
- Yellow (81%)
- Blue (100%)



- Cyan (23%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (23%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 25.460, 285.018 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, 25.460, 285.018 by changing the saturation by 10% instead.

■ 84, 25.460,
285.018

■ 84, 25.460,
285.018

■ 100, 25.460,
285.018

■ 74, 25.460,
285.018

■ 64, 25.460,
285.018

■ 54, 25.460,
285.018

■ 44, 25.460,
285.018

■ 34, 25.460,
285.018

■ 24, 25.460,
285.018

■ 14, 25.460,

285.018

■ 4, 25.460, 285.018

■ 0, 25.460, 285.018

■ 84, 25.460,
285.018

■ 84, 25.460,
285.018

■ 77, 36.959,
286.601

■ 91, 13.793,
283.460

■ 70, 49.163,
288.586

■ 98, 2.763, 282.272

■ 63, 61.825,
290.882

100, 0.012,
296.813

■ 56, 74.943,
293.484

■ 50, 88.394,

296.323

■ 44, 101.776,
299.241

■ 39, 114.202,
301.979

■ 36, 122.060,
303.688

Harmonies

Complementary

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



84, 25.460, 285.018



96, 24.437, 99.347

Rectangle

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



84, 25.460, 285.018



84, 25.460, 335.018



84, 25.460, 105.018



84, 25.460, 155.018

Sweetspot

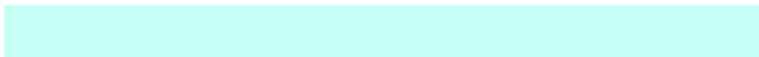
The Sweet Spot groups the original color and five complimentary colors.



84, 25.182, 284.904



95, 7.636, 282.760



96, 20.105, 182.507



50, 4.966, 282.833



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, 25.182, 284.904



81, 30.380, 285.627



83, 31.172, 303.860



49, 6.224, 283.067



26, 97.008, 303.296



5, 38.575, 298.324

Inverse Universe

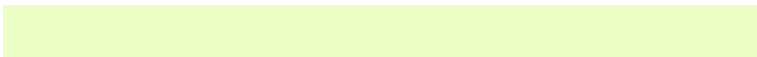
The Inverse Universe completely reimagines the original color for something new.



85, 22.118, 7.586



82, 26.787, 8.181



97, 29.847, 121.143



50, 5.383, 6.075



40, 76.253, 31.480



10, 32.139, 19.980

Previews

White Background



This preview shows how the CIE LCh color 84, 25.460, 285.018 looks on a white background.

Color Contrast Check

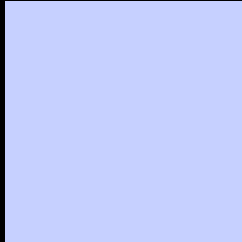
Large Text (above 18pt) WCAG AA × Fail

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, 25.460, 285.018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

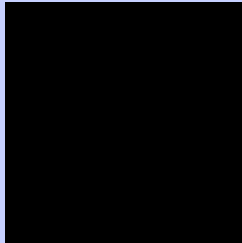
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 25.460, 285.018

Background



This preview shows how black text looks on a background with the CIELCh color 84, 25.460, 285.018.



This preview shows how white text looks on a background with the CIELCh color 84, 25.460, 285.018.

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, 24.917, 284.792

Protanopia

84, 25.401, 286.452

Deuteranopia

84, 26.423, 293.118



Tritanopia
84, 11.119, 253.093

Trichromacy



Original Color
84, 24.917, 284.792

Protanomaly
84, 25.429, 285.733

Deuteranomaly
84, 25.869, 290.196

Tritanomaly
84, 15.577, 271.293

Monochromacy



Original Color
84, 24.917, 284.792

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 9.051, 282.092

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 25.460, 285.018 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(198, 208, 255)` looks like.

```
.text, #text, p{  
    color:rgb(198, 208, 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(198, 208, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 208, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 25.460, 285.018 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(198, 208, 255) }
```

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

```
.border{ border-color:rgb(198, 208, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 208, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 208, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 208, 255); box-shadow:4px 4px 4px 4px rgb(198, 208, 255) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 25.460, 285.018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 208, 255) }
```

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

```
.background{ background-color: rgb(198,  
208, 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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