

Converting Colors

CIELCh(84, 17.108, 276.559)

Have a look what the booklet for
CIELCh(84, 17.108, 276.559)
contains.

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Color

CIELCh(84, 16.882, 275.489)

Conversions

Conversions Part 1

Format	Color
Hex	C4D2F1
RGB	196, 210, 241
RGB Percent	77%, 82%, 95%
CMY	0.2320, 0.1771, 0.0556
CMYK	0.19, 0.13, 0.00, 0.06
HSL	221°, 61%, 86%
HSV	221°, 19%, 94%
XYZ	61.5795, 64.0658, 92.2062
YIQ	209.3480, -18.2950, 6.6730

Conversions

Conversions Part 2

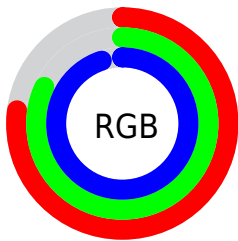
Format	Color
R _Y B	196, 207, 241
Decimal	12899057
CIE Lab	84.00, 1.61, -16.80
CIE LCh	84, 16.882, 275.489
Yxy	64.0658, 0.2827, 0.2941
Android (android.graphics.Color)	4291089137 (0xFFC4D2F1)
YUV	209.3480, 15.6044, -11.7062
Hunter-Lab	80.0411, -2.7431, -12.2725

Details

The CIELCh color `84, 16.882, 275.489` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `91, 16.866, 90.496`, and the grayscale version is `84, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.695, 200.315`, and `64, 16.728, 275.091` is the 20% darker color. If you saturate the color by 10%, you get `78, 26.159, 277.226`, and if you desaturate by 10%, it is `90, 7.778, 274.010`.

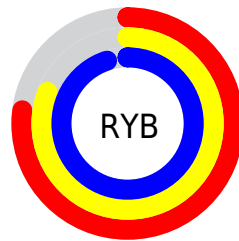
Distribution



Red (77%)

Green (82%)

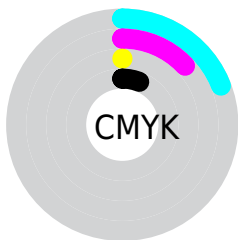
Blue (95%)



Red (77%)

Yellow (81%)

Blue (95%)

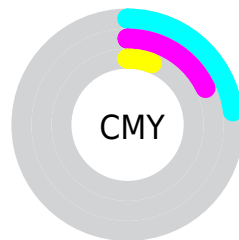


Cyan (19%)

Magenta (13%)

Yellow (0%)

Black (6%)



Cyan (23%)

Magenta (18%)

Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 16.882, 275.489 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, 16.882, 275.489 by changing the saturation by 10% instead.

 84, 16.882,
275.489

 84, 16.882,
275.489

 100, 16.882,
275.489

 74, 16.882,
275.489

 64, 16.882,
275.489

 54, 16.882,
275.489

 44, 16.882,
275.489

 34, 16.882,
275.489

 24, 16.882,
275.489

 14, 16.882,

275.489

■ 4, 16.882, 275.489

■ 0, 16.882, 275.489

■ 84, 16.882,
275.489

■ 84, 16.882,
275.489

■ 78, 26.159,
277.226

■ 90, 7.778, 274.010

■ 72, 35.626,
279.268

■ 96, 1.157, 92.471

■ 66, 45.308,
281.652

■ 100, 7.172,
109.631

■ 61, 55.241,
284.404

■ 55, 65.462,

287.520

■ 50, 75.976,
290.934

■ 45, 86.680,
294.498

■ 41, 97.261,
297.955

■ 40, 98.625,
298.370

Harmonies

Complementary

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



84, 16.882, 275.489



91, 16.866, 90.496

Rectangle

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



84, 16.882, 275.489



84, 16.882, 325.489



84, 16.882, 95.489



84, 16.882, 145.489

Sweetspot

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



84, 16.881, 275.485



96, 5.619, 273.664



92, 17.328, 173.056



51, 3.729, 273.747



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, 16.881, 275.485



86, 20.886, 276.043



81, 24.170, 298.836



47, 5.074, 274.117



30, 79.062, 297.773



6, 29.014, 291.047

Inverse Universe

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



83, 18.190, 357.066



86, 22.568, 357.475



93, 23.205, 116.029



47, 5.415, 356.036



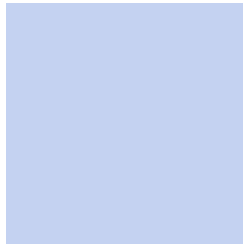
39, 68.149, 20.066



8, 28.769, 9.611

Previews

White Background



This preview shows how the CIELCh color 84, 16.882, 275.489 looks on a white background.

Color Contrast Check

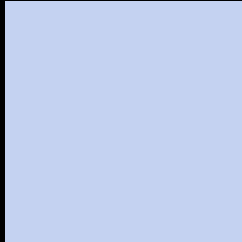
Large Text (above 18pt) WCAG AA × Fail

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, 16.882, 275.489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

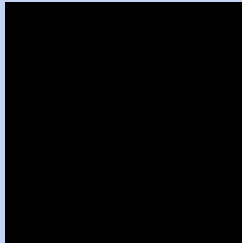
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 16.882, 275.489

Background



This preview shows how black text looks on a background with the CIELCh color 84, 16.882, 275.489.



This preview shows how white text looks on a background with the CIELCh color 84, 16.882, 275.489.

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, 16.882, 275.489

Protanopia

84, 16.386, 286.831

Deuteranopia

84, 20.431, 301.458



Tritanopia
84, 10.740, 255.971

Trichromacy



Original Color
84, 16.882, 275.489

Protanomaly
84, 16.508, 282.178

Deuteranomaly
84, 19.028, 292.814

Tritanomaly
84, 12.680, 265.805

Monochromacy



Original Color
84, 16.882, 275.489

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 6.543, 275.140

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 16.882, 275.489 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(196, 210, 241)` looks like.

```
.text, #text, p{  
    color:rgb(196, 210, 241)  
}
```

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(196, 210, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 210, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 16.882, 275.489 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(196, 210, 241) }
```

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

```
.border{ border-color:rgb(196, 210, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 210, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 210, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 210, 241);  
box-shadow:4px 4px 4px 4px rgb(196, 210,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 16.882, 275.489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 210, 241) }
```

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

```
.background{ background-color: rgb(196,  
210, 241) }
```

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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