

Converting Colors

CIELCh(84, 22.485, 304.365)

Have a look what the booklet for
CIELCh(84, 22.485, 304.365)
contains.

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Color

CIELCh(84, 22.267, 304.331)

Conversions

Conversions Part 1

Format	Color
Hex	D9CBF4
RGB	217, 203, 244
RGB Percent	85%, 80%, 96%
CMY	0.1486, 0.2035, 0.0427
CMYK	0.11, 0.17, 0.00, 0.04
HSL	260°, 65%, 88%
HSV	260°, 17%, 96%
XYZ	66.3714, 64.0658, 94.5403
YIQ	211.8600, -4.8170, 15.7190

Conversions

Conversions Part 2

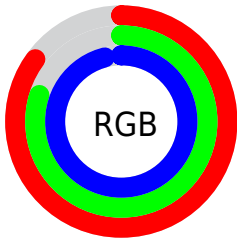
Format	Color
R _Y B	217, 203, 244
Decimal	14273524
CIE Lab	84.00, 12.56, -18.39
CIE LCh	84, 22.267, 304.331
Yxy	64.0658, 0.2950, 0.2848
Android (android.graphics.Color)	4292463604 (0xFFD9CBF4)
YUV	211.8600, 15.8450, 4.5078
Hunter-Lab	80.0411, 7.9432, -14.0014

Details

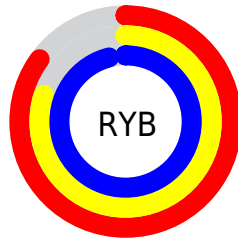
The CIELCh color `84, 22.267, 304.331` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `94, 21.590, 122.438`, and the grayscale version is `85, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `64, 22.356, 304.287` is the 20% darker color. If you saturate the color by 10%, you get `77, 36.122, 305.017`, and if you desaturate by 10%, it is `91, 8.859, 303.714`.

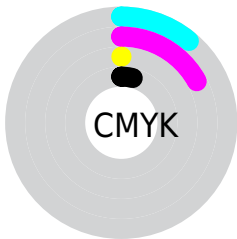
Distribution



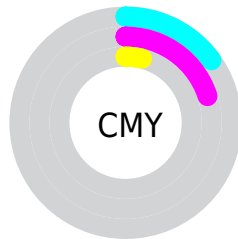
- Red (85%)
- Green (80%)
- Blue (96%)



- Red (85%)
- Yellow (80%)
- Blue (96%)



- Cyan (11%)
- Magenta (17%)
- Yellow (0%)
- Black (4%)




- Cyan (15%)
- Magenta (20%)
- Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 22.267, 304.331 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, 22.267, 304.331 by changing the saturation by 10% instead.


 84, 22.267,
304.331

 84, 22.267,
304.331


 100, 22.267,
304.331


 74, 22.267,
304.331

 64, 22.267,
304.331

 54, 22.267,
304.331

 44, 22.267,
304.331

 34, 22.267,
304.331

 24, 22.267,
304.331

 14, 22.267,

304.331

■ 4, 22.267, 304.331

■ 0, 22.267, 304.331

■ 84, 22.267,
304.331

■ 84, 22.267,
304.331

■ 77, 36.122,
305.017

■ 91, 8.859, 303.714

■ 70, 50.386,
305.774

■ 99, 4.087, 123.203

■ 62, 64.939,
306.585

■ 100, 5.512,
109.752

■ 56, 79.527,
307.412

■ 49, 93.662,

308.184

■ 43, 106.500,
308.788

■ 39, 116.824,
309.063

■ 36, 123.398,
308.850

■ 35, 124.971,
308.736

Harmonies

Complementary

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



84, 22.267, 304.331



94, 21.590, 122.438

Rectangle

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



84, 22.267, 304.331



84, 22.267, 354.331



84, 22.267, 124.331



84, 22.267, 174.331

Sweetspot

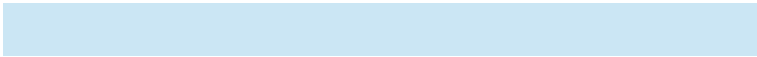
The Sweet Spot groups the original color and five complimentary colors.



84, 22.265, 304.330



96, 6.735, 303.610



90, 11.465, 237.387



51, 4.599, 303.651



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, 22.265, 304.330



85, 27.619, 304.545



86, 24.698, 320.560



47, 7.458, 303.873



26, 101.759, 308.900



4, 40.990, 307.792

Inverse Universe

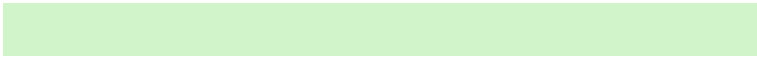
The Inverse Universe completely reimagines the original color for something new.



86, 20.430, 337.226



87, 25.246, 337.485



93, 24.530, 138.954



48, 6.892, 336.656



41, 71.062, 348.066



10, 32.472, 344.624

Previews

White Background



This preview shows how the CIELCh color 84, 22.267, 304.331 looks on a white background.

Color Contrast Check

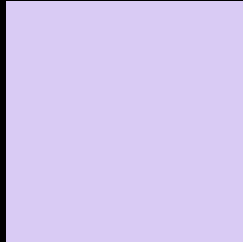
Large Text (above 18pt) WCAG AA × Fail

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, 22.267, 304.331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

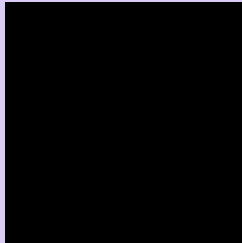
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 22.267, 304.331

Background



This preview shows how black text looks on a background with the CIELCh color 84, 22.267, 304.331.



This preview shows how white text looks on a background with the CIELCh color 84, 22.267, 304.331.

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

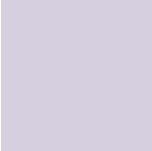
84, 22.267, 304.331

Protanopia

84, 20.624, 286.381

Deuteranopia

84, 21.417, 300.137



Tritanopia
84, 8.838, 307.185

Trichromacy



Original Color
84, 22.267, 304.331

Protanomaly
84, 21.136, 292.878

Deuteranomaly
84, 21.471, 301.037

Tritanomaly
84, 13.617, 304.620

Monochromacy



Original Color
84, 22.267, 304.331

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 8.130, 303.410

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 22.267, 304.331 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(217, 203, 244)` looks like.

```
.text, #text, p{  
    color:rgb(217, 203, 244)  
}
```

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(217, 203, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 203, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 22.267, 304.331 is called "border". The border property can be set on classes, ids or directly on the HTML element.

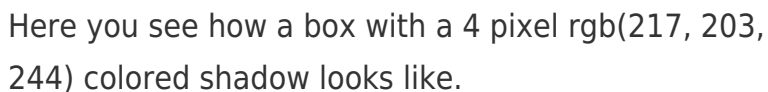
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 203, 244) }
```

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

```
.border{ border-color:rgb(217, 203, 244) }
```

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



Here you see how a box with a 4 pixel rgb(217, 203, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 203, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 203, 244);  
box-shadow:4px 4px 4px 4px rgb(217, 203,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 22.267, 304.331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 203, 244) }
```

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

```
.background{ background-color: rgb(217,  
203, 244) }
```

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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