

Converting Colors

CIELCh(84, 19.535, 298.797)

Have a look what the booklet for
CIELCh(84, 19.535, 298.797)
contains.

CIELCh(84, 19.737, 298.748)	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, 19.737, 298.748)

Conversions

Conversions Part 1

Format	Color
Hex	D4CDF2
RGB	212, 205, 242
RGB Percent	83%, 80%, 95%
CMY	0.1686, 0.1961, 0.0510
CMYK	0.12, 0.15, 0.00, 0.05
HSL	251°, 59%, 88%
HSV	251°, 15%, 95%
XYZ	65.0050, 64.0658, 92.9386
YIQ	211.3110, -7.7050, 12.9910

Conversions

Conversions Part 2

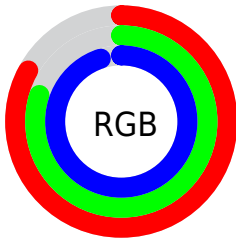
Format	Color
R _Y B	212, 205, 242
Decimal	13946354
CIE Lab	84.00, 9.49, -17.30
CIE LCh	84, 19.737, 298.748
Yxy	64.0658, 0.2928, 0.2886
Android (android.graphics.Color)	4292136434 (0xFFD4CDF2)
YUV	211.3110, 15.1297, 0.6043
Hunter-Lab	80.0411, 4.8959, -12.8150

Details

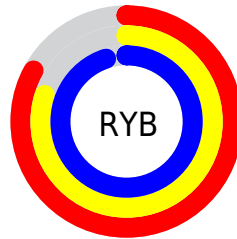
The CIELCh color `84, 19.737, 298.748` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `94, 19.095, 116.507`, and the grayscale version is `85, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `64, 19.711, 298.395` is the 20% darker color. If you saturate the color by 10%, you get `76, 33.284, 299.666`, and if you desaturate by 10%, it is `92, 6.702, 297.949`.

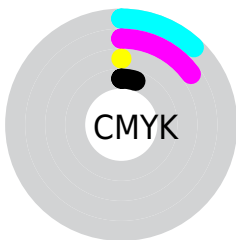
Distribution



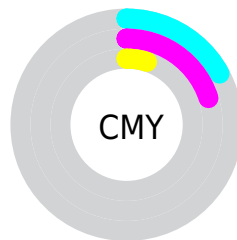
- Red (83%)
- Green (80%)
- Blue (95%)



- Red (83%)
- Yellow (80%)
- Blue (95%)



- Cyan (12%)
- Magenta (15%)
- Yellow (0%)
- Black (5%)




- Cyan (17%)
- Magenta (20%)
- Yellow (5%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 19.737, 298.748 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, 19.737, 298.748 by changing the saturation by 10% instead.

 84, 19.737,
298.748

 84, 19.737,
298.748


 100, 19.737,
298.748


 74, 19.737,
298.748


 64, 19.737,
298.748

 54, 19.737,
298.748

 44, 19.737,
298.748

 34, 19.737,
298.748

 24, 19.737,
298.748

 14, 19.737,

298.748

■ 4, 19.737, 298.748

■ 0, 19.737, 298.748

■ 84, 19.737,
298.748

■ 84, 19.737,
298.748

■ 76, 33.284,
299.666

■ 92, 6.702, 297.949

■ 69, 47.350,
300.717

■ 99, 5.838, 117.265

■ 100, 6.583,
109.674

■ 61, 61.886,
301.898

■ 54, 76.735,
303.181

■ 47, 91.509,

304.501

■ 41, 105.403,
305.724

■ 36, 117.035,
306.642

■ 33, 124.697,
307.020

■ 32, 127.050,
307.063

Harmonies

Complementary

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



84, 19.737, 298.748



94, 19.095, 116.507

Rectangle

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



84, 19.737, 298.748



84, 19.737, 348.748



84, 19.737, 118.748



84, 19.737, 168.748

Sweetspot

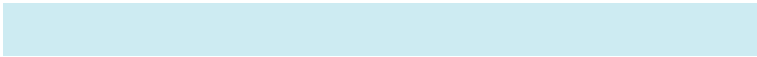
The Sweet Spot groups the original color and five complimentary colors.



84, 19.735, 298.746



96, 6.609, 297.928



91, 10.739, 217.998



51, 4.514, 297.981



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, 19.735, 298.746



86, 24.373, 298.987



85, 21.447, 315.843



46, 7.199, 298.268



23, 103.115, 307.172



3, 38.352, 303.131

Inverse Universe

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



86, 20.540, 331.092



89, 25.260, 331.273



93, 21.179, 134.534



47, 7.550, 330.711



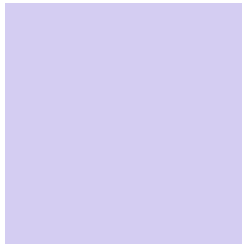
42, 77.957, 337.496



9, 34.715, 335.975

Previews

White Background



This preview shows how the CIELCh color 84, 19.737, 298.748 looks on a white background.

Color Contrast Check

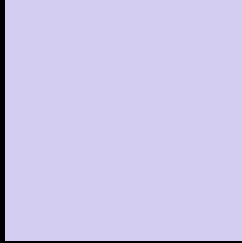
Large Text (above 18pt) WCAG AA × Fail

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, 19.737, 298.748 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, 19.737, 298.748

Background



This preview shows how black text looks on a background with the CIELCh color 84, 19.737, 298.748.



This preview shows how white text looks on a background with the CIELCh color 84, 19.737, 298.748.

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

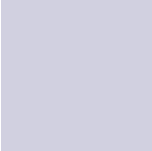
84, 19.737, 298.748

Protanopia

84, 19.030, 286.748

Deuteranopia

84, 20.431, 301.458



Tritanopia
84, 8.460, 293.289

Trichromacy



Original Color
84, 19.737, 298.748

Protanomaly
84, 19.001, 290.779

Deuteranomaly
84, 20.375, 300.509

Tritanomaly
84, 12.734, 295.949

Monochromacy



Original Color
84, 19.737, 298.748

Achromatopsia
85, 0.010, 296.813

Achromatomaly
84, 6.905, 296.652

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 19.737, 298.748 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(212, 205, 242)` looks like.

```
.text, #text, p{  
    color:rgb(212, 205, 242)  
}
```

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(212, 205, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 205, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 19.737, 298.748 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(212, 205, 242) }
```

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

```
.border{ border-color:rgb(212, 205, 242) }
```

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

Here you see how a box with a 4 pixel rgb(212, 205, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 205, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 205, 242);  
box-shadow:4px 4px 4px 4px rgb(212, 205,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 19.737, 298.748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 205, 242) }
```

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

```
.background{ background-color: rgb(212,  
205, 242) }
```

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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