

Converting Colors

CIELCh(86, 23.224, 295.894)

Have a look what the booklet for
CIELCh(86, 23.224, 295.894)
contains.

CIELCh(86, 23.757, 296.148)	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(86, 23.757, 296.148)

Conversions

Conversions Part 1

Format	Color
Hex	D7D2FF
RGB	215, 210, 255
RGB Percent	84%, 82%, 100%
CMY	0.1556, 0.1752, 0.0000
CMYK	0.16, 0.18, 0.00, 0.00
HSL	247°, 100%, 91%
HSV	247°, 18%, 100%
XYZ	69.3469, 67.9871, 104.3542
YIQ	216.6250, -11.4650, 15.0550

Conversions

Conversions Part 2

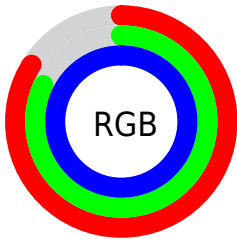
Format	Color
R _{YB}	215, 210, 255
Decimal	14144255
CIE Lab	86.00, 10.47, -21.33
CIE LCh	86, 23.757, 296.148
Yxy	67.9871, 0.2869, 0.2813
Android (android.graphics.Color)	4292334335 (0xFFD7D2FF)
YUV	216.6250, 18.9189, -1.4251
Hunter-Lab	82.4543, 5.8296, -17.3194

Details

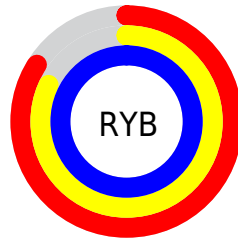
The CIELCh color `86, 23.757, 296.148` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `99, 22.661, 113.164`, and the grayscale version is `87, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `66, 23.392, 295.934` is the 20% darker color. If you saturate the color by 10%, you get `78, 37.806, 297.283`, and if you desaturate by 10%, it is `94, 9.926, 295.206`.

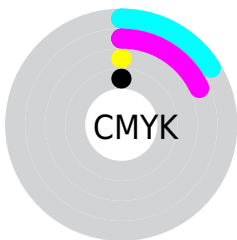
Distribution



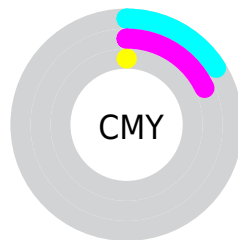
- Red (84%)
- Green (82%)
- Blue (100%)



- Red (84%)
- Yellow (82%)
- Blue (100%)



- Cyan (16%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)





- Cyan (16%)
- Magenta (18%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 23.757, 296.148 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 86, 23.757, 296.148 by changing the saturation by 10% instead.

 86, 23.757,
296.148

 86, 23.757,
296.148

 100, 23.757,
296.148

 76, 23.757,
296.148

 66, 23.757,
296.148

 56, 23.757,
296.148

 46, 23.757,
296.148

 36, 23.757,
296.148

 26, 23.757,
296.148

 16, 23.757,

296.148

■ 6, 23.757, 296.148

■ 0, 23.757, 296.148

■ 86, 23.757,
296.148

■ 86, 23.757,
296.148

■ 78, 37.806,
297.283

■ 94, 9.926, 295.206

■ 70, 52.612,
298.575

100, 0.012,
296.813

■ 62, 67.958,
300.041

■ 54, 83.666,
301.649

■ 47, 99.260,

303.311

■ 41, 113.706,
304.850

■ 36, 125.242,
305.997

■ 33, 131.991,
306.506

■ 33, 133.156,
306.592

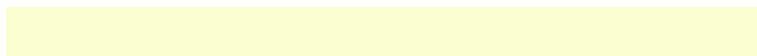
Harmonies

Complementary

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



86, 23.757, 296.148



99, 22.661, 113.164

Rectangle

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



86, 23.757, 296.148



86, 23.757, 346.148



86, 23.757, 116.148



86, 23.757, 166.148

Sweetspot

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



86, 23.582, 296.165



96, 6.570, 294.988



96, 13.535, 208.413



51, 4.488, 295.048



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



86, 23.582, 296.165



83, 28.465, 296.535



88, 25.221, 313.237



49, 7.532, 295.384



23, 107.129, 306.662



4, 44.384, 303.938

Inverse Universe

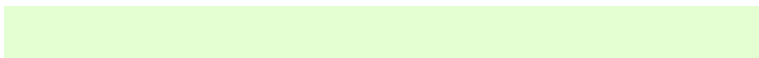
The Inverse Universe completely reimagines the original color for something new.



89, 25.944, 328.660



87, 31.120, 328.872



97, 24.753, 131.716



50, 8.387, 328.170



44, 85.244, 333.271



12, 39.632, 332.598

Previews

White Background



This preview shows how the CIELCh color 86, 23.757, 296.148 looks on a white background.

Color Contrast Check

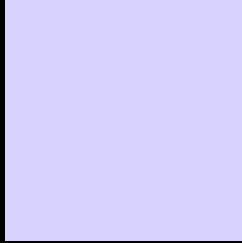
Large Text (above 18pt) WCAG AA × Fail

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 86, 23.757, 296.148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

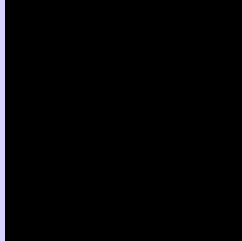
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 23.757, 296.148

Background



This preview shows how black text looks on a background with the CIELCh color 86, 23.757, 296.148.

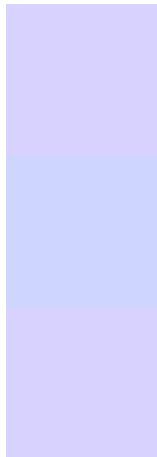


This preview shows how white text looks on a background with the CIELCh color 86, 23.757, 296.148.

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
86, 23.757, 296.148

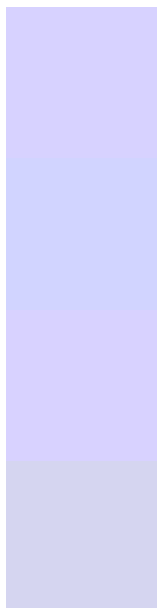
Protanopia
86, 22.122, 286.045

Deuteranopia
86, 23.786, 296.949



Tritanopia
86, 8.971, 284.259

Trichromacy



Original Color
86, 23.757, 296.148

Protanomaly
86, 22.593, 289.548

Deuteranomaly
86, 23.786, 296.949

Tritanomaly
86, 14.183, 291.368

Monochromacy



Original Color
86, 23.757, 296.148

Achromatopsia
87, 0.010, 296.813

Achromatomaly
86, 8.408, 293.270

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 23.757, 296.148 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(215, 210, 255)` looks like.

```
.text, #text, p{  
    color:rgb(215, 210, 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(215, 210, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 210, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 23.757, 296.148 is called "border". The border property can be set on classes, ids or directly on the HTML element.

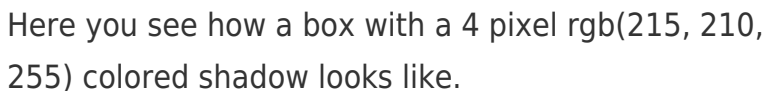
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 210, 255) }
```

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

```
.border{ border-color:rgb(215, 210, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(215, 210, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 210, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 210, 255); box-shadow:4px 4px 4px 4px rgb(215, 210, 255) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 23.757, 296.148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 210, 255) }
```

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

```
.background{ background-color: rgb(215,  
210, 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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