

Converting Colors

CIELCh(81, 23.414, 292.274)

Have a look what the booklet for
CIELCh(81, 23.414, 292.274)
contains.

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Color

CIELCh(81, 23.434, 293.037)

Conversions

Conversions Part 1

Format	Color
Hex	C6C5F1
RGB	198, 197, 241
RGB Percent	78%, 77%, 95%
CMY	0.2224, 0.2263, 0.0538
CMYK	0.18, 0.18, 0.00, 0.05
HSL	241°, 62%, 86%
HSV	241°, 18%, 95%
XYZ	59.3126, 58.4711, 91.6055
YIQ	202.3150, -13.5280, 13.8960

Conversions

Conversions Part 2

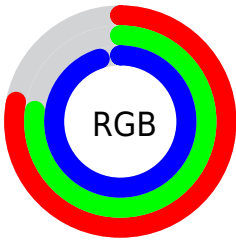
Format	Color
RYB	198, 197, 241
Decimal	13026801
CIELab	81.00, 9.17, -21.57
CIElCh	81, 23.434, 293.037
Yxy	58.4711, 0.2833, 0.2792
Android (android.graphics.Color)	4291216881 (0xFFC6C5F1)
YUV	202.3150, 19.0717, -3.7843
Hunter-Lab	76.4664, 4.6407, -17.5020

Details

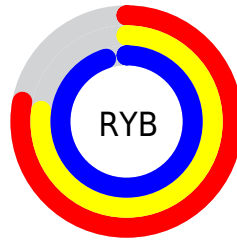
The CIELCh color `81, 23.434, 293.037` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `94, 22.463, 109.364`, and the grayscale version is `81, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.630, 323.973`, and `61, 23.707, 293.599` is the 20% darker color. If you saturate the color by 10%, you get `73, 37.052, 294.385`, and if you desaturate by 10%, it is `89, 10.374, 291.892`.

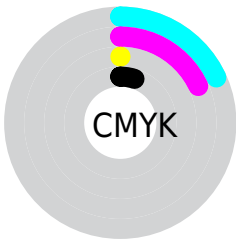
Distribution



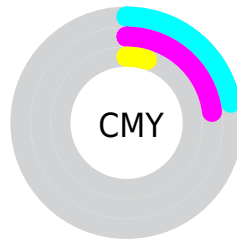
- Red (78%)
- Green (77%)
- Blue (95%)



- Red (78%)
- Yellow (77%)
- Blue (95%)



- Cyan (18%)
- Magenta (18%)
- Yellow (0%)
- Black (5%)





- Cyan (22%)
- Magenta (23%)
- Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 23.434, 293.037 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 81, 23.434, 293.037 by changing the saturation by 10% instead.


 81, 23.434,
293.037


 81, 23.434,
293.037


 100, 23.434,
293.037


 71, 23.434,
293.037

 61, 23.434,
293.037

 51, 23.434,
293.037

 41, 23.434,
293.037

 31, 23.434,
293.037

 21, 23.434,
293.037

 11, 23.434,

293.037

■ 1, 23.434, 293.037

■ 0, 23.434, 293.037

■ 81, 23.434,
293.037

■ 81, 23.434,
293.037

■ 73, 37.052,
294.385

■ 89, 10.374,
291.892

■ 65, 51.263,
295.962

■ 97, 2.161, 110.883

■ 58, 66.047,
297.775

■ 100, 6.939,
109.648

■ 50, 81.254,
299.792

■ 43, 96.414,

301.904

■ 37, 110.426,
303.886

■ 33, 121.380,
305.410

■ 31, 127.448,
306.221

■ 30, 128.230,
306.335

Harmonies

Complementary

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



81, 23.434, 293.037



94, 22.463, 109.364

Rectangle

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



81, 23.434, 293.037



81, 23.434, 343.037



81, 23.434, 113.037



81, 23.434, 163.037

Sweetspot

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



81, 23.432, 293.035



96, 6.547, 291.565



92, 14.545, 199.999



51, 4.472, 291.634



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



81, 23.432, 293.035



82, 29.797, 293.526



83, 24.702, 310.484



46, 7.134, 292.023



22, 104.439, 306.355



3, 37.863, 299.283

Inverse Universe

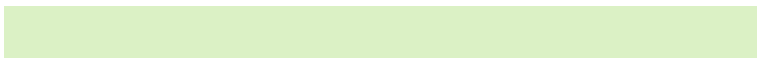
The Inverse Universe completely reimagines the original color for something new.



85, 27.455, 326.057



87, 34.652, 326.271



93, 24.114, 128.828



47, 8.477, 325.557



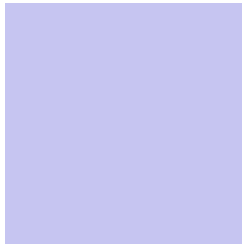
43, 88.706, 329.155



10, 38.819, 329.024

Previews

White Background



This preview shows how the CIELCh color 81, 23.434, 293.037 looks on a white background.

Color Contrast Check

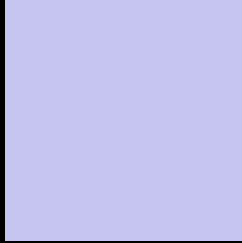
Large Text (above 18pt) WCAG AA × Fail

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 81, 23.434, 293.037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

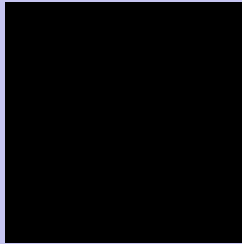
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 23.434, 293.037

Background



This preview shows how black text looks on a background with the CIELCh color 81, 23.434, 293.037.



This preview shows how white text looks on a background with the CIELCh color 81, 23.434, 293.037.

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

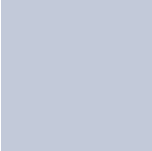
81, 23.434, 293.037

Protanopia

81, 23.454, 286.582

Deuteranopia

81, 23.483, 295.481



Tritanopia
81, 8.804, 274.775

Trichromacy



Original Color
81, 23.434, 293.037

Protanomaly
81, 23.420, 288.986

Deuteranomaly
81, 23.462, 294.666

Tritanomaly
81, 13.864, 285.701

Monochromacy



Original Color
81, 23.434, 293.037

Achromatopsia
82, 0.010, 296.813

Achromatomaly
81, 8.502, 290.932

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 23.434, 293.037 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, 197, 241)` looks like.

```
.text, #text, p{  
    color:rgb(198, 197, 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(198, 197, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 197, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 23.434, 293.037 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, 197, 241) }
```

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

```
.border{ border-color:rgb(198, 197, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 197, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 197, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 197, 241);  
box-shadow:4px 4px 4px 4px rgb(198, 197,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 23.434, 293.037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 197, 241) }
```

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

```
.background{ background-color: rgb(198,  
197, 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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