

Converting Colors

CIELCh(82, 20.997, 290.031)

Have a look what the booklet for
CIELCh(82, 20.997, 290.031)
contains.

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Color

CIELCh(82, 21.224, 290.212)

Conversions

Conversions Part 1

Format	Color
Hex	C7C9F1
RGB	199, 201, 241
RGB Percent	78%, 79%, 95%
CMY	0.2194, 0.2116, 0.0547
CMYK	0.17, 0.17, 0.00, 0.05
HSL	237°, 60%, 86%
HSV	237°, 17%, 95%
XYZ	60.3484, 60.2982, 91.7161
YIQ	204.9620, -14.0320, 12.0160

Conversions

Conversions Part 2

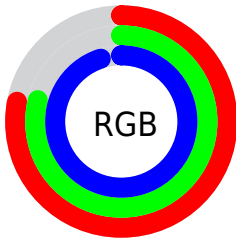
Format	Color
R _Y B	199, 201, 241
Decimal	13093361
CIE Lab	82.00, 7.33, -19.92
CIE LCh	82, 21.224, 290.212
Yxy	60.2982, 0.2842, 0.2839
Android (android.graphics.Color)	4291283441 (0xFFC7C9F1)
YUV	204.9620, 17.7667, -5.2287
Hunter-Lab	77.6519, 2.8332, -15.6722

Details

The CIELCh color `82, 21.224, 290.212` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `94, 20.466, 106.441`, and the grayscale version is `82, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `62, 21.347, 290.635` is the 20% darker color. If you saturate the color by 10%, you get `74, 34.078, 291.642`, and if you desaturate by 10%, it is `90, 8.874, 288.999`.

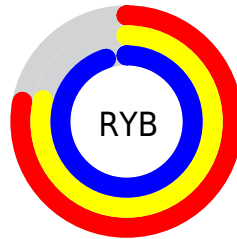
Distribution



Red (78%)

Green (79%)

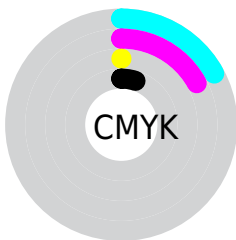
Blue (95%)



Red (78%)

Yellow (79%)

Blue (95%)

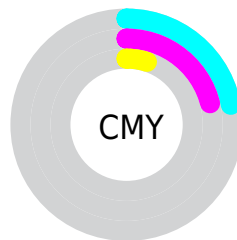


Cyan (17%)

Magenta (17%)

Yellow (0%)

Black (5%)



Cyan (22%)

Magenta (21%)


Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 21.224, 290.212 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 82, 21.224, 290.212 by changing the saturation by 10% instead.


 82, 21.224,
290.212


 82, 21.224,
290.212


 100, 21.224,
290.212


 72, 21.224,
290.212

 62, 21.224,
290.212

 52, 21.224,
290.212

 42, 21.224,
290.212

 32, 21.224,
290.212

 22, 21.224,
290.212

 12, 21.224,

290.212

■ 2, 21.224, 290.212

■ 0, 21.224, 290.212

■ 82, 21.224,
290.212

■ 82, 21.224,
290.212

■ 74, 34.078,
291.642

■ 90, 8.874, 288.999

■ 67, 47.478,
293.323

■ 97, 3.007, 107.924

■ 59, 61.438,
295.271

■ 100, 7.060,
109.639

■ 52, 75.894,
297.475

■ 45, 90.570,

299.852

■ 39, 104.718,
302.218

■ 34, 116.857,
304.268

■ 31, 125.012,
305.666

■ 31, 126.323,
305.874

Harmonies

Complementary

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



82, 21.224, 290.212



94, 20.466, 106.441

Rectangle

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



82, 21.224, 290.212



82, 21.224, 340.212



82, 21.224, 110.212



82, 21.224, 160.212

Sweetspot

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



82, 21.222, 290.210



96, 6.231, 288.740



92, 14.287, 194.128



51, 4.256, 288.815



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



82, 21.222, 290.210



83, 26.964, 290.704



83, 23.271, 308.163



46, 6.786, 289.230



22, 102.390, 305.711



3, 36.554, 297.917

Inverse Universe

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



84, 15.844, 16.835



86, 20.249, 17.217



93, 22.661, 126.479



47, 4.996, 16.082



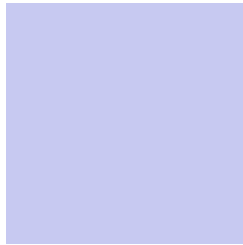
38, 79.658, 38.100



8, 29.587, 21.891

Previews

White Background



This preview shows how the CIELCh color 82, 21.224, 290.212 looks on a white background.

Color Contrast Check

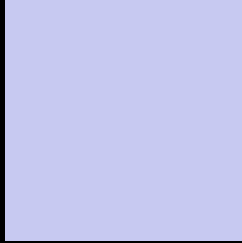
Large Text (above 18pt) WCAG AA × Fail

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 82, 21.224, 290.212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

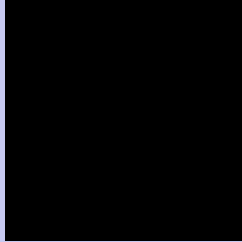
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 21.224, 290.212

Background



This preview shows how black text looks on a background with the CIELCh color 82, 21.224, 290.212.

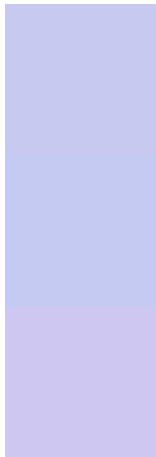


This preview shows how white text looks on a background with the CIELCh color 82, 21.224, 290.212.

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

82, 21.224, 290.212

Protanopia

82, 21.262, 286.635

Deuteranopia

82, 22.440, 297.265



Tritanopia
82, 9.093, 268.435

Trichromacy



Original Color
82, 21.224, 290.212

Protanomaly
82, 21.240, 287.522

Deuteranomaly
82, 21.811, 294.706

Tritanomaly
82, 12.952, 279.059

Monochromacy



Original Color
82, 21.224, 290.212

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 7.423, 288.105

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 21.224, 290.212 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(199, 201, 241)` looks like.

```
.text, #text, p{  
    color:rgb(199, 201, 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(199, 201, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 201, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 21.224, 290.212 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(199, 201, 241) }
```

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

```
.border{ border-color:rgb(199, 201, 241) }
```

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

Here you see how a box with a 4 pixel rgb(199, 201, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 201, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 201, 241);  
box-shadow:4px 4px 4px 4px rgb(199, 201,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 21.224, 290.212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 201, 241) }
```

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

```
.background{ background-color: rgb(199,  
201, 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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