

Converting Colors

CIELCh(82, 21.524, 304.035)

Have a look what the booklet for
CIELCh(82, 21.524, 304.035)
contains.

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Color

CIELCh(82, 21.260, 304.018)

Conversions

Conversions Part 1

Format	Color
Hex	D3C6ED
RGB	211, 198, 237
RGB Percent	83%, 78%, 93%
CMY	0.1729, 0.2238, 0.0709
CMYK	0.11, 0.16, 0.00, 0.07
HSL	260°, 52%, 85%
HSV	260°, 16%, 93%
XYZ	62.2904, 60.2982, 88.4128
YIQ	206.3330, -4.7710, 14.8850

Conversions

Conversions Part 2

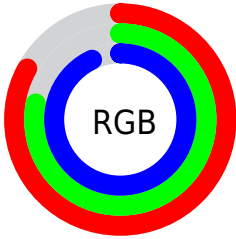
Format	Color
R _Y B	211, 198, 237
Decimal	13879021
CIE Lab	82.00, 11.89, -17.62
CIE LCh	82, 21.260, 304.018
Yxy	60.2982, 0.2952, 0.2858
Android (android.graphics.Color)	4292069101 (0xFFD3C6ED)
YUV	206.3330, 15.1188, 4.0930
Hunter-Lab	77.6519, 7.2974, -13.1500

Details

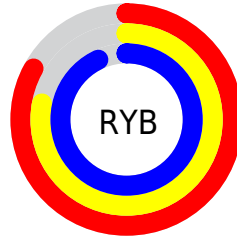
The CIELCh color **82, 21.260, 304.018** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **92, 20.621, 122.145**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **62, 21.323, 303.947** is the 20% darker color. If you saturate the color by 10%, you get **75, 34.758, 304.711**, and if you desaturate by 10%, it is **89, 8.203, 303.395**.

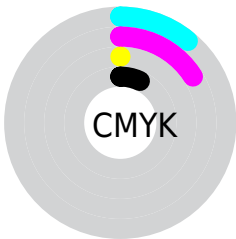
Distribution



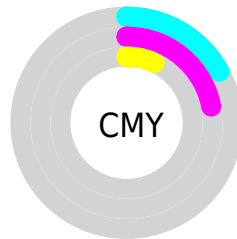
- Red (83%)
- Green (78%)
- Blue (93%)



- Red (83%)
- Yellow (78%)
- Blue (93%)



- Cyan (11%)
- Magenta (16%)
- Yellow (0%)
- Black (7%)





- Cyan (17%)
- Magenta (22%)
- Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 21.260, 304.018 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, 21.260, 304.018 by changing the saturation by 10% instead.


 82, 21.260,
304.018


 82, 21.260,
304.018


 100, 21.260,
304.018


 72, 21.260,
304.018

 62, 21.260,
304.018

 52, 21.260,
304.018

 42, 21.260,
304.018

 32, 21.260,
304.018

 22, 21.260,
304.018

 12, 21.260,

304.018

■ 2, 21.260, 304.018

■ 0, 21.260, 304.018

■ 82, 21.260,
304.018

■ 82, 21.260,
304.018

■ 75, 34.758,
304.711

■ 89, 8.203, 303.395

■ 68, 48.664,
305.479

■ 96, 4.402, 122.878

■ 61, 62.868,
306.304

■ 100, 9.153,
109.484

■ 54, 77.134,
307.150

■ 48, 91.001,

307.951

■ 42, 103.666,
308.591

■ 38, 113.944,
308.911

■ 34, 120.589,
308.746

■ 33, 122.338,
308.634

Harmonies

Complementary

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



82, 21.260, 304.018



92, 20.621, 122.145

Rectangle

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



82, 21.260, 304.018



82, 21.260, 354.018



82, 21.260, 124.018



82, 21.260, 174.018

Sweetspot

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



82, 21.258, 304.017



96, 6.726, 303.311



88, 10.951, 235.161



51, 4.594, 303.352



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, 21.258, 304.017



85, 27.590, 304.259



84, 23.510, 320.041



45, 7.193, 303.575



25, 99.806, 308.799



4, 36.815, 306.183

Inverse Universe

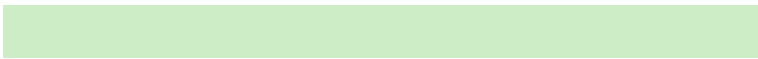
The Inverse Universe completely reimagines the original color for something new.



84, 19.647, 336.839



87, 25.390, 337.124



91, 23.336, 138.500



46, 6.694, 336.299



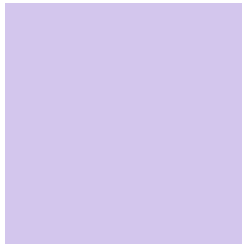
40, 69.964, 347.373



8, 30.881, 343.732

Previews

White Background



This preview shows how the CIELCh color 82, 21.260, 304.018 looks on a white background.

Color Contrast Check

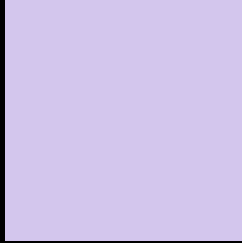
Large Text (above 18pt) WCAG AA × Fail

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 82, 21.260, 304.018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

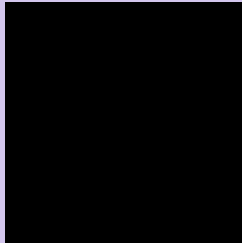
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 21.260, 304.018

Background



This preview shows how black text looks on a background with the CIELCh color 82, 21.260, 304.018.



This preview shows how white text looks on a background with the CIELCh color 82, 21.260, 304.018.

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, 21.260, 304.018

Protanopia

82, 20.186, 287.177

Deuteranopia

82, 20.467, 300.534



Tritanopia
82, 8.886, 307.195

Trichromacy



Original Color
82, 21.260, 304.018

Protanomaly
82, 20.174, 292.880

Deuteranomaly
82, 20.524, 301.481

Tritanomaly
82, 13.176, 305.150

Monochromacy



Original Color
82, 21.260, 304.018

Achromatopsia
83, 0.010, 296.813

Achromatomaly
82, 7.658, 304.263

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 21.260, 304.018 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(211, 198, 237)` looks like.

```
.text, #text, p{  
    color:rgb(211, 198, 237)  
}
```

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(211, 198, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 198, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 21.260, 304.018 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(211, 198, 237) }
```

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

```
.border{ border-color:rgb(211, 198, 237) }
```

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

Here you see how a box with a 4 pixel rgb(211, 198, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 198, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 198, 237);  
box-shadow:4px 4px 4px 4px rgb(211, 198,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 21.260, 304.018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 198, 237) }
```

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

```
.background{ background-color: rgb(211,  
198, 237) }
```

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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