

Converting Colors

CIELCh(82, 23.768, 301.981)

Have a look what the booklet for
CIELCh(82, 23.768, 301.981)
contains.

CIELCh(82, 23.789, 301.986)	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(82, 23.789, 301.986)

Conversions

Conversions Part 1

Format	Color
Hex	D2C6F2
RGB	210, 198, 242
RGB Percent	82%, 78%, 95%
CMY	0.1777, 0.2247, 0.0522
CMYK	0.13, 0.18, 0.00, 0.05
HSL	256°, 62%, 86%
HSV	256°, 18%, 95%
XYZ	62.5953, 60.2982, 92.0958
YIQ	206.6040, -6.9720, 16.2280

Conversions

Conversions Part 2

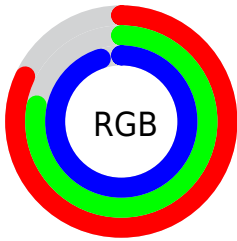
Format	Color
R _{YB}	210, 198, 242
Decimal	13813490
CIE Lab	82.00, 12.60, -20.18
CIE LCh	82, 23.789, 301.986
Yxy	60.2982, 0.2912, 0.2805
Android (android.graphics.Color)	4292003570 (0xFFD2C6F2)
YUV	206.6040, 17.4502, 2.9783
Hunter-Lab	77.6519, 7.9981, -15.9621

Details

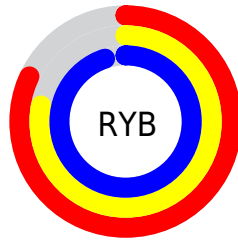
The CIELCh color `82, 23.789, 301.986` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `94, 22.935, 119.667`, and the grayscale version is `83, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `62, 24.006, 301.920` is the 20% darker color. If you saturate the color by 10%, you get `75, 37.529, 302.788`, and if you desaturate by 10%, it is `89, 10.526, 301.276`.

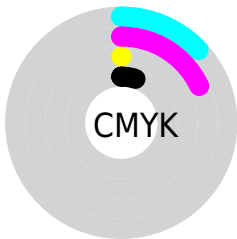
Distribution



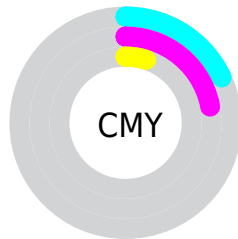
- Red (82%)
- Green (78%)
- Blue (95%)



- Red (82%)
- Yellow (78%)
- Blue (95%)



- Cyan (13%)
- Magenta (18%)
- Yellow (0%)
- Black (5%)



- Cyan (18%)
- Magenta (22%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 23.789, 301.986 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, 23.789, 301.986 by changing the saturation by 10% instead.

■ 82, 23.789,
301.986

■ 82, 23.789,
301.986

■ 100, 23.789,
301.986

■ 72, 23.789,
301.986

■ 62, 23.789,
301.986

■ 52, 23.789,
301.986

■ 42, 23.789,
301.986

■ 32, 23.789,
301.986

■ 22, 23.789,
301.986

■ 12, 23.789,

301.986

■ 2, 23.789, 301.986

■ 0, 23.789, 301.986

■ 82, 23.789,
301.986

■ 82, 23.789,
301.986

■ 75, 37.529,
302.788

■ 89, 10.526,
301.276

■ 67, 51.722,
303.686

■ 97, 2.257, 120.685

■ 60, 66.262,
304.664

■ 100, 6.739,
109.662

■ 53, 80.905,
305.684

■ 47, 95.145,

306.668

■ 41, 108.065,
307.480

■ 36, 118.294,
307.932

■ 33, 124.586,
307.870

■ 33, 125.496,
307.848

Harmonies

Complementary

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



82, 23.789, 301.986



94, 22.935, 119.667

Rectangle

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



82, 23.789, 301.986



82, 23.789, 351.986



82, 23.789, 121.986



82, 23.789, 171.986

Sweetspot

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



82, 23.787, 301.985



96, 6.670, 301.068



89, 12.278, 228.752



51, 4.555, 301.114



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, 23.787, 301.985



83, 30.245, 302.284



84, 26.107, 318.594



46, 7.262, 301.361



24, 101.917, 307.992



4, 38.669, 305.241

Inverse Universe

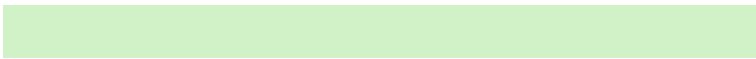
The Inverse Universe completely reimagines the original color for something new.



84, 23.060, 334.433



86, 29.153, 334.717



92, 25.835, 136.942



47, 7.114, 333.806



41, 73.436, 342.907



9, 32.912, 340.344

Previews

White Background



This preview shows how the CIELCh color 82, 23.789, 301.986 looks on a white background.

Color Contrast Check

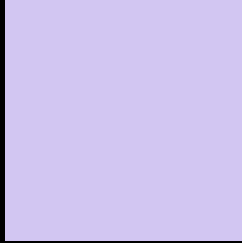
Large Text (above 18pt) WCAG AA × Fail

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, 23.789, 301.986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

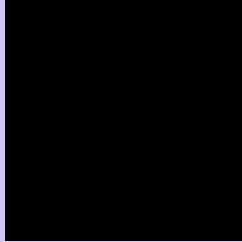
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 23.789, 301.986

Background



This preview shows how black text looks on a background with the CIELCh color 82, 23.789, 301.986.



This preview shows how white text looks on a background with the CIELCh color 82, 23.789, 301.986.

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, 23.789, 301.986

Protanopia

82, 22.864, 286.359

Deuteranopia

82, 22.440, 297.265



Tritanopia
82, 8.629, 300.376

Trichromacy



Original Color
82, 23.789, 301.986

Protanomaly
82, 23.362, 292.198

Deuteranomaly
82, 22.517, 298.980

Tritanomaly
82, 14.584, 301.036

Monochromacy



Original Color
82, 23.789, 301.986

Achromatopsia
83, 0.010, 296.813

Achromatomaly
82, 8.621, 300.374

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 23.789, 301.986 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(210, 198, 242)` looks like.

```
.text, #text, p{  
    color:rgb(210, 198, 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(210, 198, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 198, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 23.789, 301.986 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(210, 198, 242) }
```

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

```
.border{ border-color:rgb(210, 198, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 198, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 198, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 198, 242);  
box-shadow:4px 4px 4px 4px rgb(210, 198,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 23.789, 301.986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 198, 242) }
```

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

```
.background{ background-color: rgb(210,  
198, 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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