

Converting Colors

CIELCh(73, 42.931, 311.535)

Have a look what the booklet for
CIELCh(73, 42.931, 311.535)
contains.

CIELCh(73, 43.005, 311.716)	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(73, 43.005, 311.716)

Conversions

Conversions Part 1

Format	Color
Hex	CBA3EE
RGB	203, 163, 238
RGB Percent	80%, 64%, 93%
CMY	0.2032, 0.3601, 0.0659
CMYK	0.15, 0.31, 0.00, 0.07
HSL	272°, 69%, 79%
HSV	272°, 31%, 93%
XYZ	53.2687, 45.1644, 86.9459
YIQ	183.5100, -0.2350, 31.8050

Conversions

Conversions Part 2

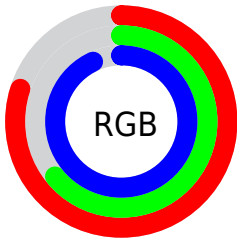
Format	Color
RYB	203, 163, 238
Decimal	13345774
CIELab	73.00, 28.62, -32.10
CIElCh	73, 43.005, 311.716
Yxy	45.1644, 0.2874, 0.2436
Android (android.graphics.Color)	4291535854 (0xFFCBA3EE)
YUV	183.5100, 26.8636, 17.0927
Hunter-Lab	67.2044, 23.8778, -29.6635

Details

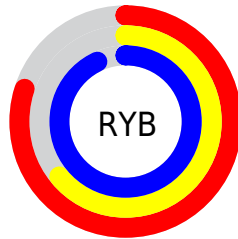
The CIELCh color **73, 43.005, 311.716** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **90, 41.274, 128.767**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 23.170, 325.231**, and **53, 42.999, 311.677** is the 20% darker color. If you saturate the color by 10%, you get **66, 57.126, 312.231**, and if you desaturate by 10%, it is **80, 29.017, 311.208**.

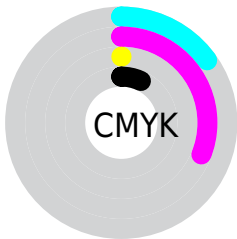
Distribution



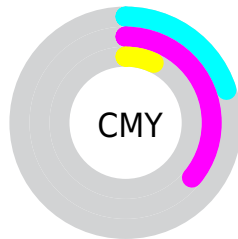
- Red (80%)
- Green (64%)
- Blue (93%)



- Red (80%)
- Yellow (64%)
- Blue (93%)



- Cyan (15%)
- Magenta (31%)
- Yellow (0%)
- Black (7%)





- Cyan (20%)
- Magenta (36%)
- Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 43.005, 311.716 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 73, 43.005, 311.716 by changing the saturation by 10% instead.


 73, 43.005,
311.716


 73, 43.005,
311.716


 100, 43.005,
311.716


 63, 43.005,
311.716


 93, 43.005,
311.716

 53, 43.005,
311.716

 43, 43.005,
311.716

 33, 43.005,
311.716

 23, 43.005,
311.716

 13, 43.005,
311.716

 3, 43.005, 311.716

0, 43.005, 311.716

73, 43.005,
311.716

73, 43.005,
311.716

66, 57.126,
312.231

80, 29.017,
311.208

60, 71.126,
312.721

86, 15.313,
310.723

54, 84.572,
313.135

93, 1.968, 310.214

49, 96.811,
313.399

99, 8.938, 126.553

100, 8.508,
109.532

45, 106.971,
313.414

41, 114.143,
313.072

■ 39,117.849,
312.501

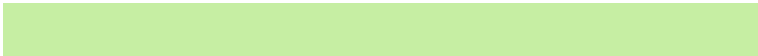
Harmonies

Complementary

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



73, 43.005, 311.716



90, 41.274, 128.767

Rectangle

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



73, 43.005, 311.716



73, 43.005, 1.716



73, 43.005, 131.716



73, 43.005, 181.716

Sweetspot

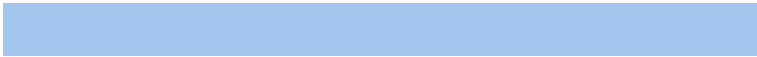
The Sweet Spot groups the original color and five complimentary colors.



73, 43.003, 311.716



94, 12.633, 310.607



79, 23.705, 264.064



49, 8.796, 310.676



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 43.003, 311.716



73, 55.165, 312.059



76, 46.485, 327.091



47, 7.590, 310.628



30, 96.796, 312.688



5, 39.755, 313.134

Inverse Universe

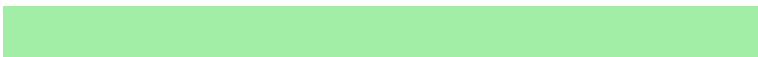
The Inverse Universe completely reimagines the original color for something new.



75, 33.391, 348.589



76, 42.607, 349.430



88, 46.497, 143.073



47, 5.934, 346.262



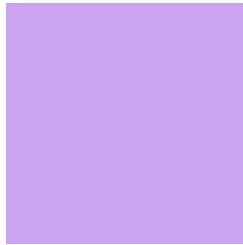
39, 65.987, 5.174



8, 29.171, 358.167

Previews

White Background



This preview shows how the CIELCh color 73, 43.005, 311.716 looks on a white background.

Color Contrast Check

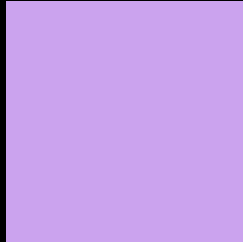
Large Text (above 18pt) WCAG AA × Fail

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 73, 43.005, 311.716 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 73, 43.005, 311.716

Background



This preview shows how black text looks on a background with the CIELCh color 73, 43.005, 311.716.

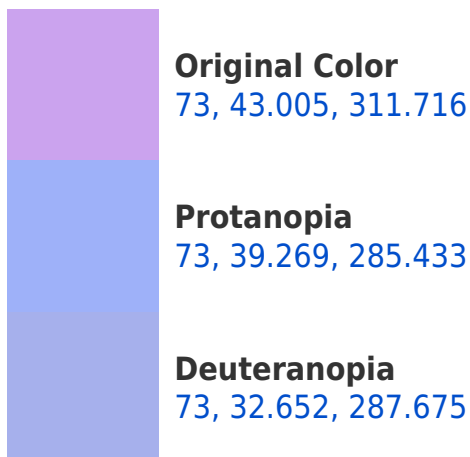


This preview shows how white text looks on a background with the CIELCh color 73, 43.005, 311.716.

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





Tritanopia
73, 11.211, 337.769

Trichromacy



Original Color
73, 43.005, 311.716

Protanomaly
73, 39.719, 294.771

Deuteranomaly
73, 36.107, 298.133

Tritanomaly
73, 22.725, 319.102

Monochromacy



Original Color
73, 43.005, 311.716

Achromatopsia
75, 0.009, 296.813

Achromatomaly
74, 16.182, 310.903

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 43.005, 311.716 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(203, 163, 238)` looks like.

```
.text, #text, p{  
    color:rgb(203, 163, 238)  
}
```

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(203, 163, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 163, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 43.005, 311.716 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(203, 163, 238) }
```

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

```
.border{ border-color:rgb(203, 163, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 163, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 163, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 163, 238);  
box-shadow:4px 4px 4px 4px rgb(203, 163,  
238) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 43.005, 311.716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 163, 238) }
```

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

```
.background{ background-color: rgb(203,  
163, 238) }
```

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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