

Converting Colors

CIELCh(41, 43.048, 298.170)

Have a look what the booklet for
CIELCh(41, 43.048, 298.170)
contains.

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Color

CIELCh(41, 43.120, 298.211)

Conversions

Conversions Part 1

Format	Color
Hex	5D589F
RGB	93, 88, 159
RGB Percent	36%, 35%, 62%
CMY	0.6344, 0.6541, 0.3755
CMYK	0.41, 0.45, 0.00, 0.38
HSL	244°, 29%, 49%
HSV	244°, 45%, 62%
XYZ	14.3230, 11.8645, 34.4435
YIQ	97.5890, -19.8110, 23.1410

Conversions

Conversions Part 2

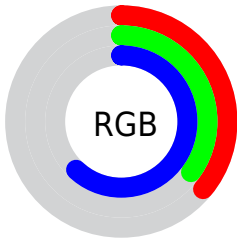
Format	Color
R_{YB}	93, 88, 159
Decimal	6117535
CIE _{Lab}	41.00, 20.38, -38.00
CIE _{LCh}	41, 43.120, 298.211
Yxy	11.8645, 0.2362, 0.1957
Android (android.graphics.Color)	4284307615 (0xFF5D589F)
YUV	97.5890, 30.2756, -4.0246
Hunter-Lab	34.4449, 13.9456, -35.1760

Details

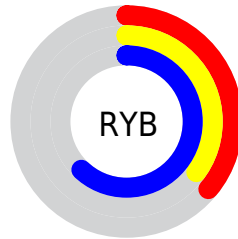
The CIELCh color $41, 43.120, 298.211$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $64, 38.454, 109.251$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 42.981, 298.044$, and $21, 42.855, 298.169$ is the 20% darker color. If you saturate the color by 10%, you get $36, 53.791, 299.879$, and if you desaturate by 10%, it is $46, 32.782, 296.724$.

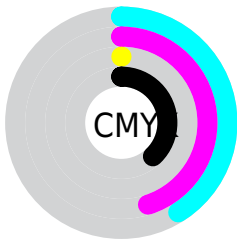
Distribution



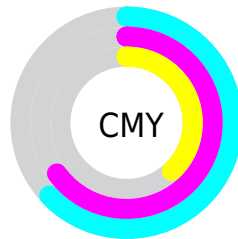
- Red (36%)
- Green (35%)
- Blue (62%)



- Red (36%)
- Yellow (35%)
- Blue (62%)



- Cyan (41%)
- Magenta (45%)
- Yellow (0%)
- Black (38%)





- Cyan (63%)
- Magenta (65%)
- Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 43.120, 298.211 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 41, 43.120, 298.211 by changing the saturation by 10% instead.


 41, 43.120,
298.211


 41, 43.120,
298.211


 100, 43.120,
298.211


 31, 43.120,
298.211

 61, 43.120,
298.211


 21, 43.120,
298.211

 71, 43.120,
298.211

 11, 43.120,
298.211

 81, 43.120,
298.211

 1, 43.120, 298.211

 91, 43.120,
298.211

 0, 43.120, 298.211

 41, 43.120,

 41, 43.120,

298.211

■ 36, 53.791,
299.879

■ 31, 64.602,
301.669

■ 26, 75.076,
303.453

■ 22, 84.274,
305.001

■ 19, 90.861,
306.035

■ 18, 93.726,
306.538

298.211

■ 46, 32.782,
296.724

■ 52, 22.838,
295.427

■ 58, 13.288,
294.311

■ 63, 4.113, 293.359

■ 69, 4.712, 112.526

■ 74, 13.211,
111.830

■ 79, 21.408,
111.229

■ 85, 29.322,
110.713

■ 90, 36.972,
110.267

Harmonies

Complementary

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



41, 43.120, 298.211



64, 38.454, 109.251

Rectangle

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



41, 43.120, 298.211



41, 43.120, 348.211



41, 43.120, 118.211



41, 43.120, 168.211

Sweetspot

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



41, 43.119, 298.211



74, 14.582, 294.172



60, 21.782, 204.650



38, 10.327, 294.388



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



41, 43.119, 298.211



46, 65.797, 299.951



44, 44.478, 313.381



31, 5.063, 293.781



16, 86.496, 306.572



0, 6.516, 292.815

Inverse Universe

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



48, 45.683, 328.867



58, 66.863, 329.402



61, 42.185, 129.335



31, 5.817, 326.890



33, 71.079, 331.195



1, 7.487, 326.856

Previews

White Background



This preview shows how the CIE LCh color 41, 43.120, 298.211 looks on a white 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 × Fail

Black Background



This preview shows how the CIE LCh color 41, 43.120, 298.211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

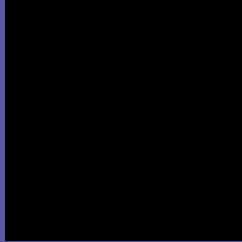
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 43.120, 298.211

Background



This preview shows how black text looks on a background with the CIELCh color 41, 43.120, 298.211.



This preview shows how white text looks on a background with the CIELCh color 41, 43.120, 298.211.

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

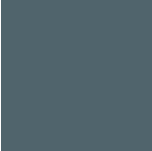
41, 43.120, 298.211

Protanopia

41, 43.225, 286.239

Deuteranopia

41, 37.162, 279.204



Tritanopia
41, 8.896, 231.892

Trichromacy



Original Color
41, 43.120, 298.211

Protanomaly
41, 43.041, 290.203

Deuteranomaly
41, 39.007, 286.025

Tritanomaly
41, 19.083, 281.187

Monochromacy



Original Color
41, 43.120, 298.211

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 15.846, 295.238

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 43.120, 298.211 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(93, 88, 159)` looks like.

```
.text, #text, p{  
    color:rgb(93, 88, 159)  
}
```

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(93, 88, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 88, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 43.120, 298.211 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(93, 88, 159) }
```

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

```
.border{ border-color:rgb(93, 88, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 88, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 88, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 88, 159);  
box-shadow:4px 4px 4px 4px rgb(93, 88,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 43.120, 298.211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 88, 159) }
```

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

```
.background{ background-color: rgb(93, 88,  
159) }
```

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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