

Converting Colors

CIELCh(41, 36.198, 294.790)

Have a look what the booklet for
CIELCh(41, 36.198, 294.790)
contains.

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Color

CIELCh(41, 36.394, 294.842)

Conversions

Conversions Part 1

Format	Color
Hex	5A5B97
RGB	90, 91, 151
RGB Percent	35%, 36%, 59%
CMY	0.6475, 0.6435, 0.4083
CMYK	0.40, 0.40, 0.00, 0.41
HSL	239°, 25%, 47%
HSV	239°, 40%, 59%
XYZ	13.5160, 11.8645, 30.8097
YIQ	97.5410, -19.8560, 18.4480

Conversions

Conversions Part 2

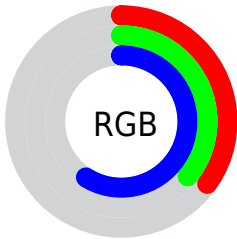
Format	Color
R_{YB}	90, 91, 151
Decimal	5921687
CIE _{Lab}	41.00, 15.29, -33.03
CIE _{LCh}	41, 36.394, 294.842
Yxy	11.8645, 0.2405, 0.2111
Android (android.graphics.Color)	4284111767 (0xFF5A5B97)
YUV	97.5410, 26.3553, -6.6135
Hunter-Lab	34.4449, 9.7636, -28.9212

Details

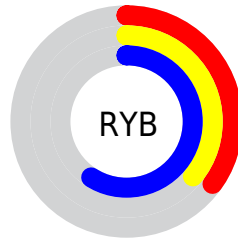
The CIELCh color $41, 36.394, 294.842$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $61, 32.977, 105.666$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 36.654, 295.095$, and $21, 36.975, 295.294$ is the 20% darker color. If you saturate the color by 10%, you get $36, 46.339, 296.729$, and if you desaturate by 10%, it is $46, 26.828, 293.198$.

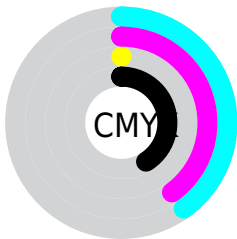
Distribution



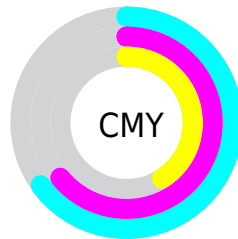
- Red (35%)
- Green (36%)
- Blue (59%)



- Red (35%)
- Yellow (36%)
- Blue (59%)



- Cyan (40%)
- Magenta (40%)
- Yellow (0%)
- Black (41%)





- Cyan (65%)
- Magenta (64%)
- Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 36.394, 294.842 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, 36.394, 294.842 by changing the saturation by 10% instead.


 41, 36.394,
294.842


 41, 36.394,
294.842


 100, 36.394,
294.842


 31, 36.394,
294.842

 61, 36.394,
294.842


 21, 36.394,
294.842

 71, 36.394,
294.842

 11, 36.394,
294.842


 81, 36.394,
294.842

 1, 36.394, 294.842

 91, 36.394,
294.842

 0, 36.394, 294.842

 41, 36.394,

 41, 36.394,

294.842

■ 36, 46.339,
296.729

■ 31, 56.582,
298.830

■ 26, 66.851,
301.047

■ 22, 76.501,
303.177

■ 19, 84.375,
304.916

■ 17, 89.633,
306.033

294.842

■ 46, 26.828,
293.198

■ 52, 17.649,
291.788

■ 57, 8.835, 290.588

■ 62, 0.359, 289.717

■ 67, 7.803, 108.676

■ 73, 15.676,
107.932

■ 78, 23.278,
107.291

■ 83, 30.628,
106.737

■ 88, 37.742,

Harmonies

Complementary

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



41, 36.394, 294.842



61, 32.977, 105.666

Rectangle

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



41, 36.394, 294.842



41, 36.394, 344.842



41, 36.394, 114.842



41, 36.394, 164.842

Sweetspot

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



41, 36.393, 294.842



71, 12.650, 290.792



58, 20.741, 195.912



37, 8.476, 290.926



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



41, 36.393, 294.842



47, 55.763, 296.641



43, 38.085, 310.506



30, 4.835, 290.459



15, 84.904, 306.010



0, 5.144, 289.528

Inverse Universe

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



45, 27.173, 22.001



54, 41.978, 23.701



59, 35.900, 126.621



30, 3.438, 18.560



28, 65.559, 38.397



1, 3.598, 18.055

Previews

White Background



This preview shows how the CIE LCh color 41, 36.394, 294.842 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, 36.394, 294.842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

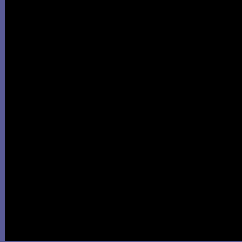
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 36.394, 294.842

Background



This preview shows how black text looks on a background with the CIELCh color 41, 36.394, 294.842.

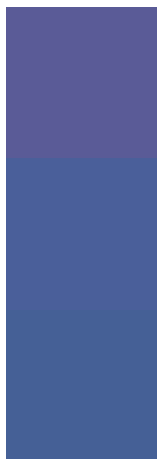


This preview shows how white text looks on a background with the CIELCh color 41, 36.394, 294.842.

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, 36.394, 294.842

Protanopia

41, 35.968, 285.328

Deuteranopia

41, 33.281, 280.996



Tritanopia
41, 9.194, 230.654

Trichromacy



Original Color
41, 36.394, 294.842

Protanomaly
41, 35.807, 288.431

Deuteranomaly
41, 34.132, 286.319

Tritanomaly
41, 16.951, 275.454

Monochromacy



Original Color
41, 36.394, 294.842

Achromatopsia
41, 0.006, 296.813

Achromatomaly
41, 13.368, 290.538

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 36.394, 294.842 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(90, 91, 151)` looks like.

```
.text, #text, p{  
    color:rgb(90, 91, 151)  
}
```

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(90, 91, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 91, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 36.394, 294.842 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(90, 91, 151) }
```

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

```
.border{ border-color:rgb(90, 91, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 91, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 91, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 91, 151);  
box-shadow:4px 4px 4px 4px rgb(90, 91,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 36.394, 294.842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 91, 151) }
```

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

```
.background{ background-color: rgb(90, 91,  
151) }
```

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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