

Converting Colors

CIELCh(41, 45.033, 290.011)

Have a look what the booklet for
CIELCh(41, 45.033, 290.011)
contains.

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Color

CIELCh(41, 44.842, 290.106)

Conversions

Conversions Part 1

Format	Color
Hex	4A5CA6
RGB	74, 92, 166
RGB Percent	29%, 36%, 65%
CMY	0.7098, 0.6392, 0.3490
CMYK	0.55, 0.45, 0.00, 0.35
HSL	228°, 38%, 47%
HSV	228°, 55%, 65%
XYZ	13.5354, 11.8645, 37.6559
YIQ	95.0540, -34.4820, 19.1980

Conversions

Conversions Part 2

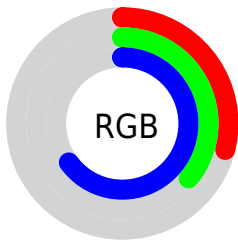
Format	Color
R _Y B	74, 89, 166
Decimal	4873382
CIE _{Lab}	41.00, 15.41, -42.11
CIE _{LCh}	41, 44.842, 290.106
Y _{xy}	11.8645, 0.2147, 0.1882
Android (android.graphics.Color)	4283063462 (0xFF4A5CA6)
YUV	95.0540, 34.9764, -18.4644
Hunter-Lab	34.4449, 9.8643, -40.7056

Details

The CIELCh color **41, 44.842, 290.106** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **61, 41.161, 94.172**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 45.031, 290.092**, and **21, 44.406, 289.768** is the 20% darker color. If you saturate the color by 10%, you get **36, 53.847, 292.720**, and if you desaturate by 10%, it is **46, 36.135, 287.789**.

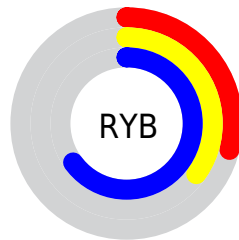
Distribution



Red (29%)

Green (36%)

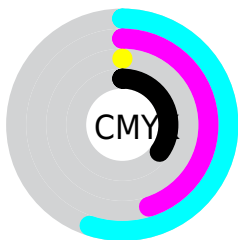
Blue (65%)



Red (29%)

Yellow (35%)

Blue (65%)

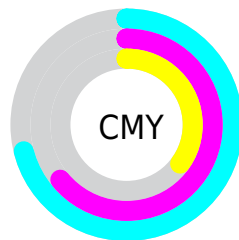


Cyan (55%)

Magenta (45%)

Yellow (0%)

Black (35%)



Cyan (71%)

Magenta (64%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 44.842, 290.106 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, 44.842, 290.106 by changing the saturation by 10% instead.

 41, 44.842,
290.106

 41, 44.842,
290.106


 100, 44.842,
290.106


 31, 44.842,
290.106

 61, 44.842,
290.106


 21, 44.842,
290.106

 71, 44.842,
290.106

 11, 44.842,
290.106

 81, 44.842,
290.106

 1, 44.842, 290.106

 91, 44.842,
290.106

 0, 44.842, 290.106

 41, 44.842,

 41, 44.842,

290.106

■ 36, 53.847,
292.720

■ 32, 63.083,
295.567

■ 28, 72.319,
298.503

■ 24, 81.040,
301.291

■ 23, 84.690,
302.374

290.106

■ 46, 36.135,
287.789

■ 51, 27.727,
285.776

■ 56, 19.594,
284.045

■ 61, 11.713,
282.564

■ 65, 4.063, 281.311

■ 70, 3.373, 100.141

■ 75, 10.606, 99.219

■ 80, 17.647, 98.399

■ 85, 24.505, 97.679

Harmonies

Complementary

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



41, 44.842, 290.106



61, 41.161, 94.172

Rectangle

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



41, 44.842, 290.106



41, 44.842, 340.106



41, 44.842, 110.106



41, 44.842, 160.106

Sweetspot

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



41, 44.841, 290.107



76, 16.089, 282.827



62, 31.947, 177.729



39, 10.878, 283.101



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



41, 44.841, 290.107



46, 68.843, 293.506



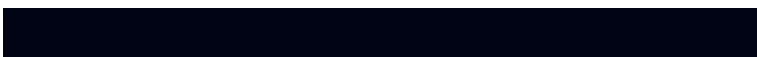
39, 56.562, 306.019



33, 4.311, 281.768



20, 77.158, 302.121



1, 8.012, 282.240

Inverse Universe

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



44, 40.507, 11.601



52, 60.599, 15.260



64, 50.007, 118.798



33, 3.845, 4.365



30, 61.531, 28.728



1, 6.787, 5.689

Previews

White Background



This preview shows how the CIE LCh color 41, 44.842, 290.106 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, 44.842, 290.106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

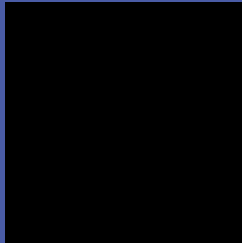
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

CIELCh 41, 44.842, 290.106

Background



This preview shows how black text looks on a background with the CIELCh color 41, 44.842, 290.106.



This preview shows how white text looks on a background with the CIELCh color 41, 44.842, 290.106.

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, 44.842, 290.106

Protanopia

41, 45.047, 286.174

Deuteranopia

41, 42.161, 279.010



Tritanopia
41, 17.388, 213.920

Trichromacy



Original Color
41, 44.842, 290.106

Protanomaly
41, 44.973, 287.642

Deuteranomaly
41, 42.956, 282.817

Tritanomaly
41, 22.383, 259.631

Monochromacy



Original Color
41, 44.842, 290.106

Achromatopsia
40, 0.006, 296.813

Achromatomaly
40, 16.568, 283.763

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 44.842, 290.106 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(74, 92, 166)` looks like.

```
.text, #text, p{  
    color:rgb(74, 92, 166)  
}
```

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(74, 92, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 92, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 44.842, 290.106 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(74, 92, 166) }
```

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

```
.border{ border-color:rgb(74, 92, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 92, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 92, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 92, 166);  
box-shadow:4px 4px 4px 4px rgb(74, 92,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 44.842, 290.106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 92, 166) }
```

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

```
.background{ background-color: rgb(74, 92,  
166) }
```

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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