

Converting Colors

CIELCh(41, 68.737, 308.156)

Have a look what the booklet for
CIELCh(41, 68.737, 308.156)
contains.

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Color

CIELCh(41, 68.839, 308.158)

Conversions

Conversions Part 1

Format	Color
Hex	7249BB
RGB	114, 73, 187
RGB Percent	45%, 29%, 73%
CMY	0.5541, 0.7147, 0.2678
CMYK	0.39, 0.61, 0.00, 0.27
HSL	262°, 45%, 51%
HSV	262°, 61%, 73%
XYZ	18.2055, 11.8645, 48.1798
YIQ	98.2550, -12.1580, 44.1460

Conversions

Conversions Part 2

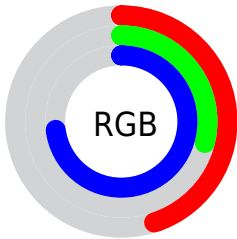
Format	Color
R_{YB}	114, 73, 187
Decimal	7489979
CIE _{Lab}	41.00, 42.53, -54.13
CIE _{LCh}	41, 68.839, 308.158
Yxy	11.8645, 0.2327, 0.1516
Android (android.graphics.Color)	4285680059 (0xFF7249BB)
YUV	98.2550, 43.7513, 13.8084
Hunter-Lab	34.4449, 34.0658, -58.8203

Details

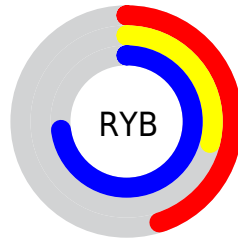
The CIELCh color **41, 68.839, 308.158** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **71, 60.624, 121.074**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 69.157, 308.216**, and **21, 68.804, 308.089** is the 20% darker color. If you saturate the color by 10%, you get **36, 79.887, 308.827**, and if you desaturate by 10%, it is **46, 57.220, 307.400**.

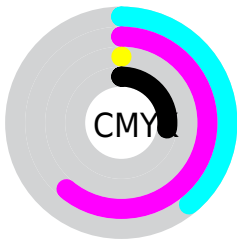
Distribution



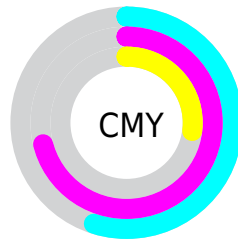
- Red (45%)
- Green (29%)
- Blue (73%)



- Red (45%)
- Yellow (29%)
- Blue (73%)



- Cyan (39%)
- Magenta (61%)
- Yellow (0%)
- Black (27%)




- Cyan (55%)
- Magenta (71%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 68.839, 308.158 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, 68.839, 308.158 by changing the saturation by 10% instead.


 41, 68.839,
308.158


 41, 68.839,
308.158


 100, 68.839,
308.158


 31, 68.839,
308.158

 61, 68.839,
308.158


 21, 68.839,
308.158

 71, 68.839,
308.158


 11, 68.839,
308.158

 81, 68.839,
308.158

 1, 68.839, 308.158

 91, 68.839,
308.158

 0, 68.839, 308.158

 41, 68.839,

 41, 68.839,

308.158

■ 36, 79.887,
308.827

■ 32, 89.620,
309.286

■ 28, 97.057,
309.380

■ 26, 101.641,
309.176

308.158

■ 46, 57.220,
307.400

■ 52, 45.496,
306.631

■ 58, 33.924,
305.896

■ 64, 22.634,
305.218

■ 69, 11.683,
304.606

■ 75, 1.089, 304.009

■ 81, 9.149, 123.601

■ 87, 19.043,
123.182

■ 92, 28.608,
122.820

Harmonies

Complementary

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



41, 68.839, 308.158



71, 60.624, 121.074

Rectangle

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



41, 68.839, 308.158



41, 68.839, 358.158



41, 68.839, 128.158



41, 68.839, 178.158

Sweetspot

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



41, 68.838, 308.158



83, 23.821, 305.044



58, 29.757, 248.417



42, 16.767, 305.230



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



41, 68.838, 308.158



46, 101.082, 309.001



48, 70.256, 322.778



37, 6.033, 304.509



21, 89.739, 309.304



2, 17.756, 300.568

Inverse Universe

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



49, 56.431, 342.339



58, 78.485, 344.196



68, 69.551, 136.326



37, 5.490, 337.430



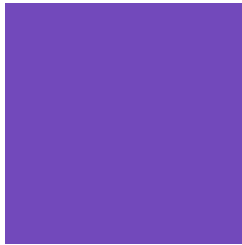
34, 62.503, 349.158



3, 15.320, 343.273

Previews

White Background



This preview shows how the CIELCh color 41, 68.839, 308.158 looks on a white background.

Color Contrast Check

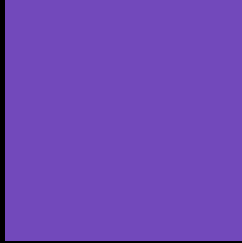
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 41, 68.839, 308.158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

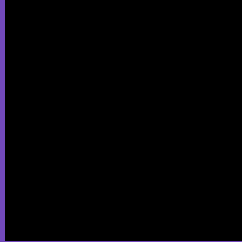
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 68.839, 308.158

Background



This preview shows how black text looks on a background with the CIELCh color 41, 68.839, 308.158.



This preview shows how white text looks on a background with the CIELCh color 41, 68.839, 308.158.

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, 68.839, 308.158

Protanopia

41, 63.697, 287.126

Deuteranopia

41, 46.943, 276.186



Tritanopia
41, 4.871, 286.171

Trichromacy



Original Color
41, 68.839, 308.158

Protanomaly
40, 65.502, 291.683

Deuteranomaly
39, 55.026, 287.421

Tritanomaly
40, 28.567, 304.243

Monochromacy



Original Color
41, 68.839, 308.158

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 25.650, 306.079

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 68.839, 308.158 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(114, 73, 187)` looks like.

```
.text, #text, p{  
    color:rgb(114, 73, 187)  
}
```

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(114, 73, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 73, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 68.839, 308.158 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(114, 73, 187) }
```

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

```
.border{ border-color:rgb(114, 73, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 73, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 73, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 73, 187);  
box-shadow:4px 4px 4px 4px rgb(114, 73,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 68.839, 308.158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 73, 187) }
```

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

```
.background{ background-color: rgb(114, 73,  
187) }
```

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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