

Converting Colors

CIELCh(41, 62.717, 308.595)

Have a look what the booklet for
CIELCh(41, 62.717, 308.595)
contains.

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Color

CIELCh(41, 62.722, 308.721)

Conversions

Conversions Part 1

Format	Color
Hex	734BB2
RGB	115, 75, 178
RGB Percent	45%, 29%, 70%
CMY	0.5495, 0.7063, 0.3024
CMYK	0.35, 0.58, 0.00, 0.30
HSL	263°, 41%, 50%
HSV	263°, 58%, 70%
XYZ	17.5880, 11.8645, 43.4207
YIQ	98.7020, -9.2230, 40.5130

Conversions

Conversions Part 2

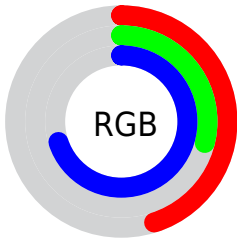
Format	Color
R_{YB}	115, 75, 178
Decimal	7556018
CIE _{Lab}	41.00, 39.23, -48.94
CIE _{LCh}	41, 62.722, 308.721
Yxy	11.8645, 0.2414, 0.1628
Android (android.graphics.Color)	4285746098 (0xFF734BB2)
YUV	98.7020, 39.0939, 14.2933
Hunter-Lab	34.4449, 30.8655, -50.6285

Details

The CIELCh color **41, 62.722, 308.721** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **68, 56.067, 122.321**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 62.721, 308.741**, and **21, 62.673, 308.866** is the 20% darker color. If you saturate the color by 10%, you get **36, 73.483, 309.353**, and if you desaturate by 10%, it is **46, 51.542, 308.021**.

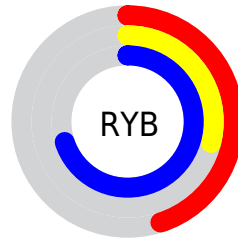
Distribution



Red (45%)

Green (29%)

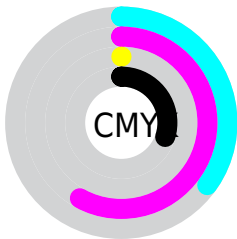
Blue (70%)



Red (45%)

Yellow (29%)

Blue (70%)

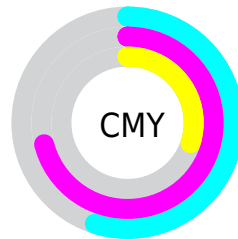


Cyan (35%)

Magenta (58%)

Yellow (0%)

Black (30%)



Cyan (55%)


Magenta (71%)


Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 62.722, 308.721 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, 62.722, 308.721 by changing the saturation by 10% instead.


 41, 62.722,
308.721


 41, 62.722,
308.721


 100, 62.722,
308.721


 31, 62.722,
308.721

 61, 62.722,
308.721


 21, 62.722,
308.721

 71, 62.722,
308.721


 11, 62.722,
308.721


 81, 62.722,
308.721

 1, 62.722, 308.721

 91, 62.722,
308.721

 0, 62.722, 308.721

 41, 62.722,

 41, 62.722,

308.721

■ 36, 73.483,
309.353

■ 32, 83.214,
309.814

■ 28, 91.066,
309.967

■ 26, 96.414,
309.730

■ 25, 97.458,
309.690

308.721

■ 46, 51.542,
308.021

■ 52, 40.321,
307.317

■ 57, 29.268,
306.646

■ 63, 18.489,
306.026

■ 68, 8.030, 305.463

■ 74, 2.094, 125.011

■ 79, 11.884,
124.545

■ 85, 21.352,
124.160

■ 90, 30.513,
123.826

Harmonies

Complementary

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



41, 62.722, 308.721



68, 56.067, 122.321

Rectangle

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



41, 62.722, 308.721



41, 62.722, 358.721



41, 62.722, 128.721



41, 62.722, 178.721

Sweetspot

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



41, 62.721, 308.721



80, 21.780, 305.991



55, 28.271, 252.271



41, 14.732, 306.108



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



41, 62.721, 308.721



46, 92.532, 309.478



47, 64.860, 323.730



35, 5.789, 305.540



21, 87.085, 309.815



1, 13.633, 301.794

Inverse Universe

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



47, 51.124, 343.495



57, 72.103, 345.265



65, 64.493, 137.297



35, 5.138, 338.738



33, 60.165, 351.422



2, 11.397, 343.619

Previews

White Background



This preview shows how the CIELCh color 41, 62.722, 308.721 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, 62.722, 308.721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

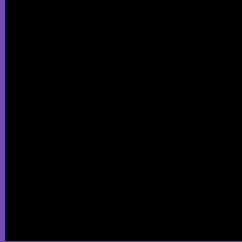
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 62.722, 308.721

Background



This preview shows how black text looks on a background with the CIELCh color 41, 62.722, 308.721.



This preview shows how white text looks on a background with the CIELCh color 41, 62.722, 308.721.

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, 62.722, 308.721

Protanopia

41, 63.037, 287.434

Deuteranopia

41, 46.633, 277.994



Tritanopia
41, 5.153, 309.377

Trichromacy



Original Color
41, 62.722, 308.721

Protanomaly
40, 63.052, 292.225

Deuteranomaly
40, 51.766, 288.494

Tritanomaly
41, 26.427, 307.428

Monochromacy



Original Color
41, 62.722, 308.721

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 23.858, 306.926

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 62.722, 308.721 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(115, 75, 178)` looks like.

```
.text, #text, p{  
    color:rgb(115, 75, 178)  
}
```

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(115, 75, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 75, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 62.722, 308.721 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(115, 75, 178) }
```

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

```
.border{ border-color:rgb(115, 75, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 75, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 75, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 75, 178);  
box-shadow:4px 4px 4px 4px rgb(115, 75,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 62.722, 308.721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 75, 178) }
```

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

```
.background{ background-color: rgb(115, 75,  
178) }
```

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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