

Converting Colors

CIELCh(41, 44.444, 307.024)

Have a look what the booklet for
CIELCh(41, 44.444, 307.024)
contains.

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Color

CIELCh(41, 44.510, 307.045)

Conversions

Conversions Part 1

Format	Color
Hex	6D539B
RGB	109, 83, 155
RGB Percent	43%, 33%, 61%
CMY	0.5716, 0.6736, 0.3911
CMYK	0.30, 0.46, 0.00, 0.39
HSL	262°, 30%, 47%
HSV	262°, 46%, 61%
XYZ	15.3868, 11.8645, 32.6031
YIQ	98.9820, -7.6160, 27.9040

Conversions

Conversions Part 2

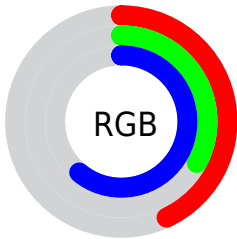
Format	Color
R_{YB}	109, 83, 155
Decimal	7164827
CIE _{Lab}	41.00, 26.81, -35.53
CIE _{LCh}	41, 44.510, 307.045
Yxy	11.8645, 0.2571, 0.1982
Android (android.graphics.Color)	4285354907 (0xFF6D539B)
YUV	98.9820, 27.6169, 8.7858
Hunter-Lab	34.4449, 19.4587, -32.0082

Details

The CIELCh color $41, 44.510, 307.045$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $61, 40.716, 121.708$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 44.554, 306.881$, and $21, 44.414, 307.021$ is the 20% darker color. If you saturate the color by 10%, you get $36, 54.588, 307.802$, and if you desaturate by 10%, it is $46, 34.472, 306.304$.

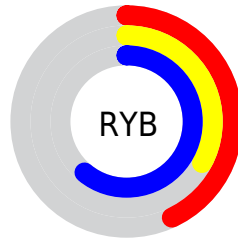
Distribution



Red (43%)

Green (33%)

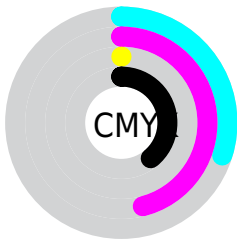
Blue (61%)



Red (43%)

Yellow (33%)

Blue (61%)

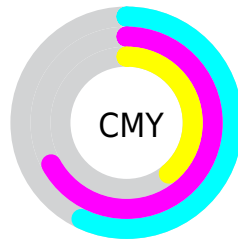


Cyan (30%)

Magenta (46%)

Yellow (0%)

Black (39%)



Cyan (57%)

Magenta (67%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 44.510, 307.045 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, 44.510, 307.045 by changing the saturation by 10% instead.

■ 41, 44.510,
307.045

■ 41, 44.510,
307.045

■ 100, 44.510,
307.045

■ 31, 44.510,
307.045

■ 61, 44.510,
307.045

■ 21, 44.510,
307.045

■ 71, 44.510,
307.045

■ 11, 44.510,
307.045

■ 81, 44.510,
307.045

■ 1, 44.510, 307.045

■ 91, 44.510,
307.045

■ 0, 44.510, 307.045

■ 41, 44.510,

■ 41, 44.510,

307.045

■ 36, 54.588,
307.802

■ 32, 64.423,
308.518

■ 28, 73.522,
309.099

■ 24, 81.163,
309.414

■ 22, 86.658,
309.351

■ 21, 88.505,
309.348

307.045

■ 46, 34.472,
306.304

■ 51, 24.629,
305.609

■ 56, 15.054,
304.974

■ 61, 5.777, 304.401

■ 66, 3.197, 123.927

■ 71, 11.873,
123.473

■ 76, 20.262,
123.087

■ 81, 28.380,
122.753

■ 86, 36.241,
122.464

Harmonies

Complementary

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



41, 44.510, 307.045



61, 40.716, 121.708

Rectangle

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



41, 44.510, 307.045



41, 44.510, 357.045



41, 44.510, 127.045



41, 44.510, 177.045

Sweetspot

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



41, 44.509, 307.045



72, 15.844, 304.848



52, 20.479, 244.370



37, 11.062, 304.968



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



41, 44.509, 307.045



47, 67.054, 307.854



45, 47.265, 322.303



30, 5.070, 304.557



18, 82.081, 309.440



1, 5.400, 303.857

Inverse Universe

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



45, 38.241, 340.692



54, 55.838, 341.855



59, 46.703, 137.481



30, 4.608, 337.488



30, 57.321, 349.004



1, 4.902, 337.346

Previews

White Background



This preview shows how the CIELCh color 41, 44.510, 307.045 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, 44.510, 307.045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

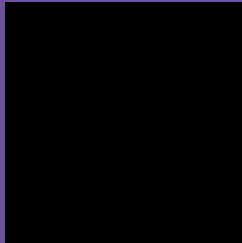
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 44.510, 307.045

Background



This preview shows how black text looks on a background with the CIELCh color 41, 44.510, 307.045.



This preview shows how white text looks on a background with the CIELCh color 41, 44.510, 307.045.

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, 44.510, 307.045

Protanopia

41, 43.189, 285.851

Deuteranopia

41, 33.950, 280.047



Tritanopia
41, 5.153, 309.377

Trichromacy



Original Color
41, 44.510, 307.045

Protanomaly
41, 42.982, 292.719

Deuteranomaly
41, 37.022, 290.732

Tritanomaly
41, 19.487, 306.393

Monochromacy



Original Color
41, 44.510, 307.045

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 16.323, 306.090

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 44.510, 307.045 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(109, 83, 155)` looks like.

```
.text, #text, p{  
    color:rgb(109, 83, 155)  
}
```

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(109, 83, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 83, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 44.510, 307.045 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(109, 83, 155) }
```

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

```
.border{ border-color:rgb(109, 83, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 83, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 83, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 83, 155);  
box-shadow:4px 4px 4px 4px rgb(109, 83,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 44.510, 307.045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 83, 155) }
```

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

```
.background{ background-color: rgb(109, 83,  
155) }
```

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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