

Converting Colors

CIELCh(41, 66.240, 318.430)

Have a look what the booklet for
CIELCh(41, 66.240, 318.430)
contains.

CIELCh(41, 66.199, 318.463)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(41, 66.199, 318.463)

Conversions

Conversions Part 1

Format	Color
Hex	8B3FAA
RGB	139, 63, 170
RGB Percent	55%, 25%, 67%
CMY	0.4563, 0.7543, 0.3347
CMYK	0.18, 0.63, 0.00, 0.33
HSL	283°, 46%, 46%
HSV	283°, 63%, 67%
XYZ	19.5686, 11.8645, 39.1127
YIQ	97.9220, 10.9490, 49.3890

Conversions

Conversions Part 2

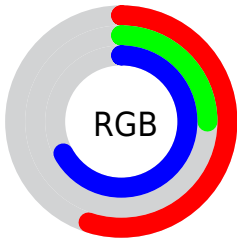
Format	Color
RYB	139, 63, 170
Decimal	9125802
CIELab	41.00, 49.55, -43.90
CIELCh	41, 66.199, 318.463
Yxy	11.8645, 0.2774, 0.1682
Android (android.graphics.Color)	4287315882 (0xFF8B3FAA)
YUV	97.9220, 35.5345, 36.0254
Hunter-Lab	34.4449, 41.1296, -43.2133

Details

The CIELCh color **41, 66.199, 318.463** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **63, 63.654, 132.881**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 66.338, 318.437**, and **21, 66.078, 318.404** is the 20% darker color. If you saturate the color by 10%, you get **38, 74.647, 318.571**, and if you desaturate by 10%, it is **45, 56.535, 318.207**.

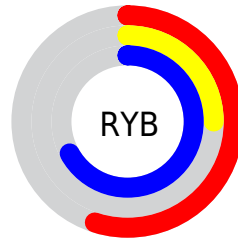
Distribution



Red (55%)

Green (25%)

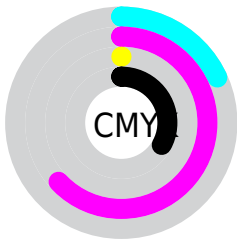
Blue (67%)



Red (55%)

Yellow (25%)

Blue (67%)

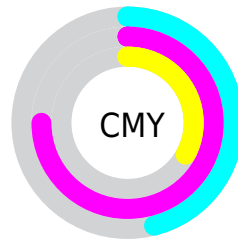


Cyan (18%)

Magenta (63%)

Yellow (0%)

Black (33%)



Cyan (46%)

Magenta (75%)

Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 66.199, 318.463 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, 66.199, 318.463 by changing the saturation by 10% instead.


 41, 66.199,
318.463


 41, 66.199,
318.463


 100, 66.199,
318.463


 31, 66.199,
318.463

 61, 66.199,
318.463


 21, 66.199,
318.463

 71, 66.199,
318.463


 11, 66.199,
318.463


 81, 66.199,
318.463

 1, 66.199, 318.463

 91, 66.199,
318.463

 0, 66.199, 318.463

 41, 66.199,

 41, 66.199,

318.463

38, 74.647,
318.571

35, 81.344,
318.471

33, 85.843,
318.104

32, 88.046,
317.747

318.463

45, 56.535,
318.207

49, 46.143,
317.856

54, 35.394,
317.450

58, 24.552,
317.021

63, 13.786,
316.587

68, 3.202, 316.131

73, 7.138, 135.808

78, 17.204,
135.426

■ 83, 26.983,
135.082

Harmonies

Complementary

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



41, 66.199, 318.463



63, 63.654, 132.881

Rectangle

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



41, 66.199, 318.463



41, 66.199, 8.463



41, 66.199, 138.463



41, 66.199, 188.463

Sweetspot

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



41, 66.198, 318.463



76, 24.852, 316.859



41, 45.538, 286.039



38, 17.116, 316.978



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, 66.198, 318.463



47, 94.160, 318.558



44, 59.365, 334.768



33, 5.912, 316.422



27, 79.557, 317.850



1, 10.485, 313.679

Inverse Universe

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



43, 46.834, 6.364



50, 67.121, 10.989



62, 60.297, 144.407



33, 3.999, 357.477



31, 58.362, 20.926



1, 7.021, 359.558

Previews

White Background



This preview shows how the CIELCh color 41, 66.199, 318.463 looks on a white background.

Color Contrast Check

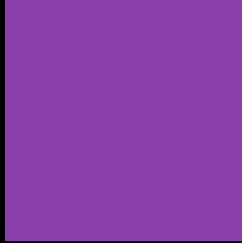
Large Text (above 18pt) WCAG AA ✓ Pass

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, 66.199, 318.463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

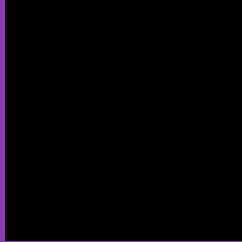
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 66.199, 318.463

Background



This preview shows how black text looks on a background with the CIELCh color 41, 66.199, 318.463.

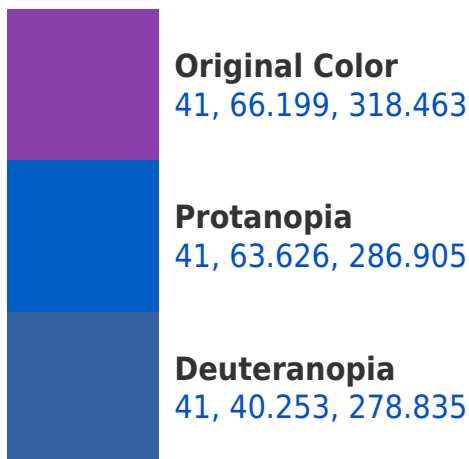


This preview shows how white text looks on a background with the CIELCh color 41, 66.199, 318.463.

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





Tritanopia
41, 18.246, 10.817

Trichromacy



Original Color
41, 66.199, 318.463

Protanomaly
39, 63.879, 292.975

Deuteranomaly
40, 48.656, 296.685

Tritanomaly
41, 32.399, 333.363

Monochromacy



Original Color
41, 66.199, 318.463

Achromatopsia
42, 0.006, 296.813

Achromatomaly
40, 26.074, 317.589

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 66.199, 318.463 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(139, 63, 170)` looks like.

```
.text, #text, p{  
    color:rgb(139, 63, 170)  
}
```

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(139, 63, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 63, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 66.199, 318.463 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(139, 63, 170) }
```

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

```
.border{ border-color:rgb(139, 63, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 63, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 63, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 63, 170);  
box-shadow:4px 4px 4px 4px rgb(139, 63,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 66.199, 318.463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 63, 170) }
```

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

```
.background{ background-color: rgb(139, 63,  
170) }
```

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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