

Converting Colors

CIELCh(41, 92.504, 320.230)

Have a look what the booklet for
CIELCh(41, 92.504, 320.230)
contains.

CIELCh(41, 92.596, 320.247)	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, 92.596, 320.247)

Conversions

Conversions Part 1

Format	Color
Hex	9D1AC4
RGB	157, 26, 196
RGB Percent	62%, 10%, 77%
CMY	0.3848, 0.8988, 0.2319
CMYK	0.20, 0.87, 0.00, 0.23
HSL	286°, 77%, 43%
HSV	286°, 87%, 77%
XYZ	24.1939, 11.8645, 53.1645
YIQ	84.5490, 23.5060, 80.6420

Conversions

Conversions Part 2

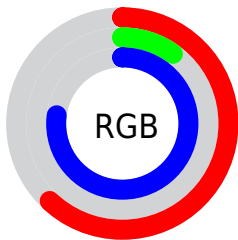
Format	Color
R_{YB}	157, 26, 196
Decimal	10296004
CIE _{Lab}	41.00, 71.19, -59.21
CIE _{LCh}	41, 92.596, 320.247
Yxy	11.8645, 0.2712, 0.1330
Android (android.graphics.Color)	4288486084 (0xFF9D1AC4)
YUV	84.5490, 54.9453, 63.5395
Hunter-Lab	34.4449, 65.0986, -67.4005

Details

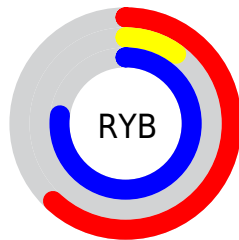
The CIELCh color **41, 92.596, 320.247** is a dark color, and the websafe version is hex **9933CC**. The color can be described as dark washed purple. A complement of this color would be **70, 90.958, 133.833**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 92.682, 320.212**, and **26, 76.830, 317.857** is the 20% darker color. If you saturate the color by 10%, you get **39, 96.129, 319.815**, and if you desaturate by 10%, it is **44, 86.538, 320.433**.

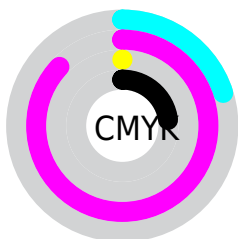
Distribution



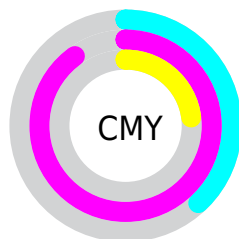
- Red (62%)
- Green (10%)
- Blue (77%)



- Red (62%)
- Yellow (10%)
- Blue (77%)



- Cyan (20%)
- Magenta (87%)
- Yellow (0%)
- Black (23%)




- Cyan (38%)
- Magenta (90%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 92.596, 320.247 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, 92.596, 320.247 by changing the saturation by 10% instead.


 41, 92.596,
320.247


 41, 92.596,
320.247


 100, 92.596,
320.247


 31, 92.596,
320.247

 61, 92.596,
320.247


 21, 92.596,
320.247

 71, 92.596,
320.247


 11, 92.596,
320.247


 81, 92.596,
320.247

 1, 92.596, 320.247

 91, 92.596,
320.247

 0, 92.596, 320.247

 41, 92.596,

 41, 92.596,

320.247

■ 39, 96.129,
319.815

■ 39, 97.009,
319.658

320.247

■ 44, 86.538,
320.433

■ 47, 78.196,
320.404

■ 51, 68.104,
320.209

■ 55, 56.838,
319.899

■ 60, 44.893,
319.514

■ 65, 32.644,
319.089

■ 70, 20.352,
318.647

■ 75, 8.188, 318.196

Harmonies

Complementary

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



41, 92.596, 320.247



70, 90.958, 133.833

Rectangle

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



41, 92.596, 320.247



41, 92.596, 10.247



41, 92.596, 140.247



41, 92.596, 190.247

Sweetspot

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



41, 92.595, 320.247



83, 39.181, 319.071



34, 80.178, 297.554



42, 26.594, 319.223



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



41, 92.595, 320.247



51, 118.383, 319.535



45, 75.859, 340.568



38, 6.753, 318.312



31, 83.706, 319.772



3, 21.737, 316.182

Inverse Universe

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



43, 68.413, 20.547



54, 92.091, 28.380



70, 82.104, 142.478



38, 4.377, 1.858



33, 64.242, 26.517



3, 14.371, 7.090

Previews

White Background



This preview shows how the CIELCh color 41, 92.596, 320.247 looks on a white background.

Color Contrast Check

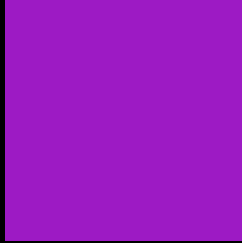
Large Text (above 18pt) WCAG AA ✓ Pass

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, 92.596, 320.247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

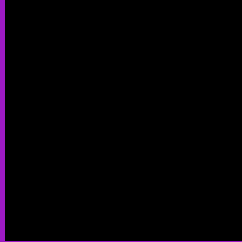
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 92.596, 320.247

Background



This preview shows how black text looks on a background with the CIELCh color 41, 92.596, 320.247.



This preview shows how white text looks on a background with the CIELCh color 41, 92.596, 320.247.

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, 92.596, 320.247

Protanopia

41, 63.626, 286.905

Deuteranopia

42, 46.924, 275.900



Tritanopia
41, 27.846, 16.537

Trichromacy



Original Color
41, 92.596, 320.247



Protanomaly
36, 78.482, 299.266



Deuteranomaly
36, 67.449, 296.927



Tritanomaly
39, 48.638, 336.721

Monochromacy



Original Color
41, 92.596, 320.247



Achromatopsia
36, 0.005, 296.813



Achromatomaly
35, 41.604, 319.540

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 92.596, 320.247 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(157, 26, 196)` looks like.

```
.text, #text, p{  
    color:rgb(157, 26, 196)  
}
```

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(157, 26, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 26, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 92.596, 320.247 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(157, 26, 196) }
```

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

```
.border{ border-color:rgb(157, 26, 196) }
```

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

Here you see how a box with a 4 pixel rgb(157, 26, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 26, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 26, 196);  
box-shadow:4px 4px 4px 4px rgb(157, 26,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 92.596, 320.247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 26, 196) }
```

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

```
.background{ background-color: rgb(157, 26,  
196) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor