

Converting Colors

CIELCh(41, 65.890, 320.784)

Have a look what the booklet for
CIELCh(41, 65.890, 320.784)
contains.

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Color

CIELCh(41, 66.029, 320.732)

Conversions

Conversions Part 1

Format	Color
Hex	8F3CA6
RGB	143, 60, 166
RGB Percent	56%, 24%, 65%
CMY	0.4385, 0.7640, 0.3483
CMYK	0.14, 0.64, 0.00, 0.35
HSL	287°, 47%, 44%
HSV	287°, 64%, 65%
XYZ	19.8820, 11.8645, 37.4020
YIQ	96.9010, 15.4420, 50.5620

Conversions

Conversions Part 2

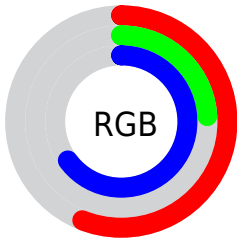
Format	Color
R_{YB}	143, 60, 166
Decimal	9387174
CIE _{Lab}	41.00, 51.12, -41.79
CIE _{LCh}	41, 66.029, 320.732
Yxy	11.8645, 0.2875, 0.1716
Android (android.graphics.Color)	4287577254 (0xFF8F3CA6)
YUV	96.9010, 34.0658, 40.4288
Hunter-Lab	34.4449, 42.7534, -40.2685

Details

The CIELCh color $41, 66.029, 320.732$ is a dark color, and the websafe version is hex 993399 . A complement of this color would be $61, 64.543, 134.677$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 65.985, 320.558$, and $21, 64.642, 320.590$ is the 20% darker color. If you saturate the color by 10%, you get $38, 73.922, 320.833$, and if you desaturate by 10%, it is $45, 56.795, 320.490$.

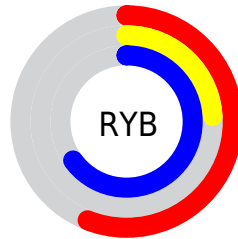
Distribution



Red (56%)

Green (24%)

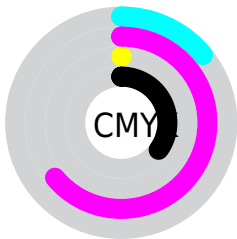
Blue (65%)



Red (56%)

Yellow (24%)

Blue (65%)

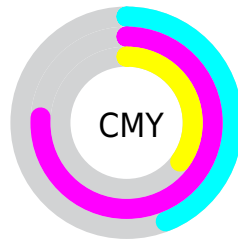


Cyan (14%)

Magenta (64%)

Yellow (0%)

Black (35%)



Cyan (44%)


Magenta (76%)


Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 66.029, 320.732 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, 66.029, 320.732 by changing the saturation by 10% instead.


 41, 66.029,
320.732


 41, 66.029,
320.732


 100, 66.029,
320.732


 31, 66.029,
320.732

 61, 66.029,
320.732


 21, 66.029,
320.732

 71, 66.029,
320.732


 11, 66.029,
320.732


 81, 66.029,
320.732

 1, 66.029, 320.732

 91, 66.029,
320.732

 0, 66.029, 320.732

 41, 66.029,

 41, 66.029,

320.732

38, 73.922,
320.833

36, 79.996,
320.747

34, 83.909,
320.434

33, 85.662,
320.174

320.732

45, 56.795,
320.490

48, 46.695,
320.152

53, 36.117,
319.755

57, 25.351,
319.325

62, 14.594,
318.883

66, 3.977, 318.419

71, 6.423, 138.076

76, 16.563,
137.665

■ 81, 26.422,
137.292

Harmonies

Complementary

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



41, 66.029, 320.732



61, 64.543, 134.677

Rectangle

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



41, 66.029, 320.732



41, 66.029, 10.732



41, 66.029, 140.732



41, 66.029, 190.732

Sweetspot

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



41, 66.028, 320.732



76, 25.068, 319.130



38, 49.801, 290.270



39, 17.421, 319.251



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, 66.028, 320.732



48, 93.839, 320.820



43, 56.377, 337.839



33, 6.029, 318.682



29, 78.614, 320.245



1, 10.719, 316.322

Inverse Universe

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



41, 46.535, 12.208



49, 68.086, 17.325



61, 56.976, 146.533



33, 3.874, 2.759



30, 60.720, 27.078



1, 6.833, 4.266

Previews

White Background



This preview shows how the CIELCh color 41, 66.029, 320.732 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, 66.029, 320.732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

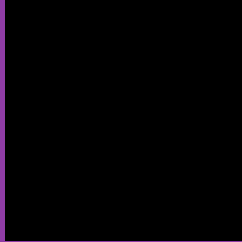
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 66.029, 320.732

Background



This preview shows how black text looks on a background with the CIELCh color 41, 66.029, 320.732.



This preview shows how white text looks on a background with the CIELCh color 41, 66.029, 320.732.

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, 66.029, 320.732

Protanopia

41, 64.183, 287.130

Deuteranopia

41, 37.764, 278.873



Tritanopia
41, 21.883, 13.385

Trichromacy



Original Color
41, 66.029, 320.732

Protanomaly
39, 64.496, 293.624

Deuteranomaly
40, 47.539, 298.617

Tritanomaly
40, 34.361, 338.104

Monochromacy



Original Color
41, 66.029, 320.732

Achromatopsia
41, 0.006, 296.813

Achromatomaly
40, 25.881, 319.805

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 66.029, 320.732 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(143, 60, 166)` looks like.

```
.text, #text, p{  
    color:rgb(143, 60, 166)  
}
```

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(143, 60, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 60, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 66.029, 320.732 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(143, 60, 166) }
```

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

```
.border{ border-color:rgb(143, 60, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 60, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 60, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 60, 166);  
box-shadow:4px 4px 4px 4px rgb(143, 60,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 66.029, 320.732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 60, 166) }
```

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

```
.background{ background-color: rgb(143, 60,  
166) }
```

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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