

Converting Colors

CIELCh(41, 13.300, 320.527)

Have a look what the booklet for
CIELCh(41, 13.300, 320.527)
contains.

CIELCh(41, 13.069, 319.199)	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, 13.069, 319.199)

Conversions

Conversions Part 1

Format	Color
Hex	6B5C6F
RGB	107, 92, 111
RGB Percent	42%, 36%, 44%
CMY	0.5814, 0.6402, 0.5657
CMYK	0.04, 0.17, 0.00, 0.57
HSL	287°, 9%, 40%
HSV	287°, 17%, 43%
XYZ	12.6947, 11.8645, 16.5872
YIQ	98.6510, 2.8410, 9.0890

Conversions

Conversions Part 2

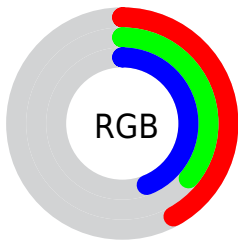
Format	Color
R_{YB}	107, 92, 111
Decimal	7036015
CIE Lab	41.00, 9.89, -8.54
CIE LCh	41, 13.069, 319.199
Yxy	11.8645, 0.3085, 0.2883
Android (android.graphics.Color)	4285226095 (0xFF6B5C6F)
YUV	98.6510, 6.0881, 7.3221
Hunter-Lab	34.4449, 5.5077, -4.4401

Details

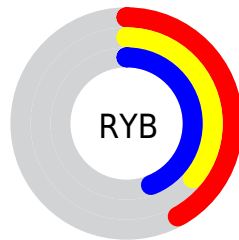
The CIELCh color $41, 13.069, 319.199$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $45, 12.958, 137.727$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 13.337, 318.192$, and $21, 13.054, 320.568$ is the 20% darker color. If you saturate the color by 10%, you get $38, 20.805, 319.623$, and if you desaturate by 10%, it is $44, 5.403, 318.765$.

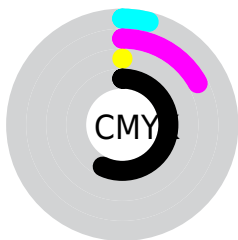
Distribution



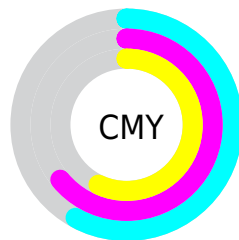
- Red (42%)
- Green (36%)
- Blue (44%)



- Red (42%)
- Yellow (36%)
- Blue (44%)



- Cyan (4%)
- Magenta (17%)
- Yellow (0%)
- Black (57%)





- Cyan (58%)
- Magenta (64%)
- Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 13.069, 319.199 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, 13.069, 319.199 by changing the saturation by 10% instead.


 41, 13.069,
319.199


 41, 13.069,
319.199


 100, 13.069,
319.199


 31, 13.069,
319.199

 61, 13.069,
319.199


 21, 13.069,
319.199

 71, 13.069,
319.199


 11, 13.069,
319.199


 81, 13.069,
319.199

 1, 13.069, 319.199

 91, 13.069,
319.199

 0, 13.069, 319.199

 41, 13.069,

 41, 13.069,

319.199

38, 20.805,
319.623

35, 28.520,
320.033

32, 36.065,
320.408

29, 43.236,
320.724

26, 49.764,
320.945

24, 55.332,
321.035

23, 59.626,
320.951

21, 62.782,
320.720

319.199

44, 5.403, 318.765

48, 2.126, 138.444

51, 9.485, 138.006

55, 16.653,
137.632

58, 23.623,
137.287

61, 30.395,
136.969

65, 36.974,
136.677

68, 43.365,
136.410

72, 49.577,

■ 21, 63.704,
320.667

136.167

Harmonies

Complementary

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



41, 13.069, 319.199



45, 12.958, 137.727

Rectangle

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



41, 13.069, 319.199



41, 13.069, 9.199



41, 13.069, 139.199



41, 13.069, 189.199

Sweetspot

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



41, 13.068, 319.199



57, 4.649, 318.671



41, 9.142, 281.466



29, 3.151, 318.696



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



41, 13.068, 319.199



51, 19.770, 319.386



41, 11.395, 334.711



22, 4.304, 318.847



23, 67.412, 320.606



50, 115.330, 320.203

Inverse Universe

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



41, 8.464, 4.022



51, 12.898, 4.516



45, 11.323, 152.461



22, 2.752, 3.171



24, 51.857, 26.333



52, 91.037, 29.735

Previews

White Background



This preview shows how the CIELCh color 41, 13.069, 319.199 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 CIE LCh color 41, 13.069, 319.199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

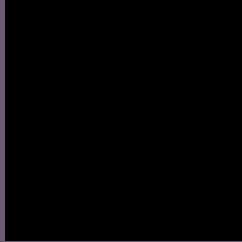
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 13.069, 319.199

Background



This preview shows how black text looks on a background with the CIELCh color 41, 13.069, 319.199.



This preview shows how white text looks on a background with the CIELCh color 41, 13.069, 319.199.

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

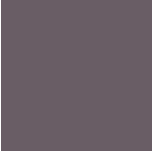
41, 13.069, 319.199

Protanopia

41, 10.963, 285.772

Deuteranopia

41, 10.056, 305.324



Tritanopia
41, 6.990, 336.395

Trichromacy



Original Color
41, 13.069, 319.199

Protanomaly
41, 11.694, 299.567

Deuteranomaly
41, 10.997, 310.733

Tritanomaly
41, 9.065, 327.222

Monochromacy



Original Color
41, 13.069, 319.199

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 4.740, 316.426

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 13.069, 319.199 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(107, 92, 111)` looks like.

```
.text, #text, p{  
    color:rgb(107, 92, 111)  
}
```

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(107, 92, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 92, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 13.069, 319.199 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(107, 92, 111) }
```

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

```
.border{ border-color:rgb(107, 92, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 92, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 92, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 92, 111);  
box-shadow:4px 4px 4px 4px rgb(107, 92,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 13.069, 319.199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 92, 111) }
```

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

```
.background{ background-color: rgb(107, 92,  
111) }
```

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