

Converting Colors

CIELCh(41, 37.071, 325.997)

Have a look what the booklet for
CIELCh(41, 37.071, 325.997)
contains.

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Color

CIELCh(41, 37.114, 325.971)

Conversions

Conversions Part 1

Format	Color
Hex	824E83
RGB	130, 78, 131
RGB Percent	51%, 31%, 51%
CMY	0.4897, 0.6936, 0.4858
CMYK	0.01, 0.40, 0.00, 0.49
HSL	299°, 25%, 41%
HSV	299°, 40%, 51%
XYZ	16.0646, 11.8645, 22.9619
YIQ	99.5900, 13.9790, 27.5070

Conversions

Conversions Part 2

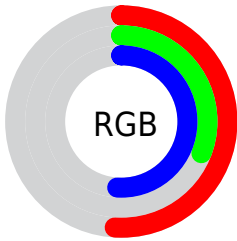
Format	Color
R_{YB}	130, 78, 131
Decimal	8539779
CIE _{Lab}	41.00, 30.76, -20.77
CIE _{LCh}	41, 37.114, 325.971
Yxy	11.8645, 0.3157, 0.2331
Android (android.graphics.Color)	4286729859 (0xFF824E83)
YUV	99.5900, 15.4851, 26.6696
Hunter-Lab	34.4449, 22.9709, -15.4128

Details

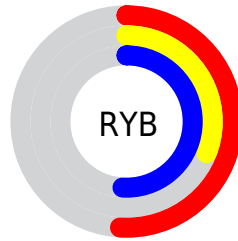
The CIELCh color $41, 37.114, 325.971$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $50, 37.127, 141.098$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 37.277, 326.072$, and $21, 36.725, 326.066$ is the 20% darker color. If you saturate the color by 10%, you get $38, 45.603, 326.412$, and if you desaturate by 10%, it is $44, 28.125, 325.490$.

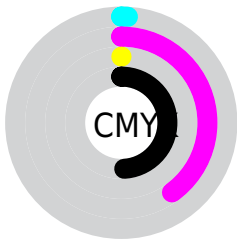
Distribution



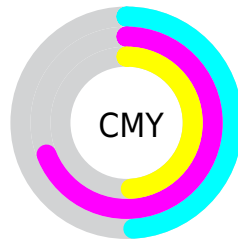
- Red (51%)
- Green (31%)
- Blue (51%)



- Red (51%)
- Yellow (31%)
- Blue (51%)



- Cyan (1%)
- Magenta (40%)
- Yellow (0%)
- Black (49%)





- Cyan (49%)
- Magenta (69%)
- Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 37.114, 325.971 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, 37.114, 325.971 by changing the saturation by 10% instead.


 41, 37.114,
325.971


 41, 37.114,
325.971


 100, 37.114,
325.971


 31, 37.114,
325.971

 61, 37.114,
325.971


 21, 37.114,
325.971

 71, 37.114,
325.971

 11, 37.114,
325.971


 81, 37.114,
325.971

 1, 37.114, 325.971

 91, 37.114,
325.971

 0, 37.114, 325.971

 41, 37.114,

 41, 37.114,

325.971

325.971

■ 38, 45.603,
326.412

■ 44, 28.125,
325.490

■ 36, 53.288,
326.795

■ 48, 18.893,
324.983

■ 34, 59.831,
327.104

■ 51, 9.604, 324.459

■ 32, 64.921,
327.325

■ 55, 0.391, 323.489

■ 58, 8.658, 143.482

■ 31, 68.362,
327.450

■ 62, 17.489,
142.982

■ 30, 70.600,
327.511

■ 66, 26.075,
142.511

■ 70, 34.401,
142.065

■ 74, 42.466,

Harmonies

Complementary

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



41, 37.114, 325.971



50, 37.127, 141.098

Rectangle

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



41, 37.114, 325.971



41, 37.114, 15.971



41, 37.114, 145.971



41, 37.114, 195.971

Sweetspot

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



41, 37.112, 325.971



65, 13.742, 324.557



36, 31.811, 294.110



33, 9.191, 324.613



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



41, 37.112, 325.971



50, 55.047, 326.400



40, 27.373, 345.579



26, 5.241, 324.390



30, 70.180, 327.511



0, 1.248, 323.939

Inverse Universe

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



39, 24.172, 21.749



47, 37.407, 23.435



51, 26.344, 158.147



26, 3.049, 18.353



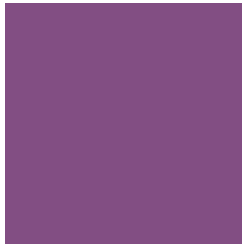
26, 61.546, 37.767



0, 0.708, 17.838

Previews

White Background



This preview shows how the CIELCh color 41, 37.114, 325.971 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, 37.114, 325.971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

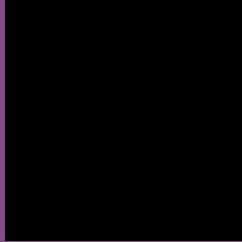
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 37.114, 325.971

Background



This preview shows how black text looks on a background with the CIELCh color 41, 37.114, 325.971.



This preview shows how white text looks on a background with the CIELCh color 41, 37.114, 325.971.

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, 37.114, 325.971

Protanopia

41, 30.483, 285.558

Deuteranopia

41, 19.456, 286.684



Tritanopia
41, 17.438, 8.130

Trichromacy



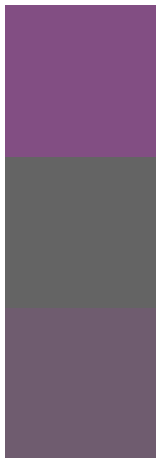
Original Color
41, 37.114, 325.971

Protanomaly
41, 31.268, 300.282

Deuteranomaly
41, 24.441, 306.621

Tritanomaly
41, 23.059, 344.268

Monochromacy



Original Color
41, 37.114, 325.971

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 13.876, 325.317

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 37.114, 325.971 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(130, 78, 131)` looks like.

```
.text, #text, p{  
    color:rgb(130, 78, 131)  
}
```

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(130, 78, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 78, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 37.114, 325.971 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(130, 78, 131) }
```

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

```
.border{ border-color:rgb(130, 78, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 78, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 78, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 78, 131);  
box-shadow:4px 4px 4px 4px rgb(130, 78,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 37.114, 325.971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 78, 131) }
```

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

```
.background{ background-color: rgb(130, 78,  
131) }
```

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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