

Converting Colors

CIELCh(41, 79.110, 330.933)

Have a look what the booklet for
CIELCh(41, 79.110, 330.933)
contains.

CIELCh(41, 79.121, 330.913)	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, 79.121, 330.913)

Conversions

Conversions Part 1

Format	Color
Hex	AC14A1
RGB	172, 20, 161
RGB Percent	67%, 8%, 63%
CMY	0.3251, 0.9208, 0.3683
CMYK	0.00, 0.88, 0.06, 0.33
HSL	304°, 79%, 38%
HSV	304°, 88%, 67%
XYZ	23.7282, 11.8645, 34.7978
YIQ	81.5220, 45.3310, 76.0750

Conversions

Conversions Part 2

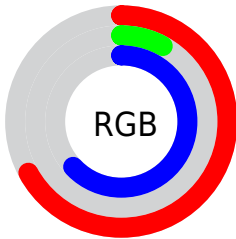
Format	Color
R_{YB}	172, 20, 161
Decimal	11277473
CIE _{Lab}	41.00, 69.14, -38.46
CIE _{LCh}	41, 79.121, 330.913
Yxy	11.8645, 0.3371, 0.1686
Android (android.graphics.Color)	4289467553 (0xFFAC14A1)
YUV	81.5220, 39.1827, 79.3492
Hunter-Lab	34.4449, 62.6855, -35.7860

Details

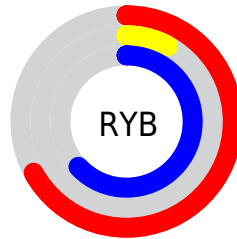
The CIELCh color **41, 79.121, 330.913** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **61, 83.728, 137.644**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 78.867, 331.026**, and **26, 61.731, 330.327** is the 20% darker color. If you saturate the color by 10%, you get **40, 81.055, 331.266**, and if you desaturate by 10%, it is **42, 75.242, 330.530**.

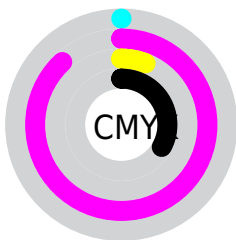
Distribution



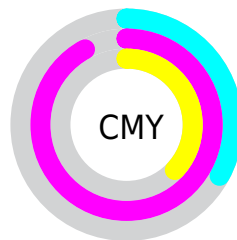
- Red (67%)
- Green (8%)
- Blue (63%)



- Red (67%)
- Yellow (8%)
- Blue (63%)



- Cyan (0%)
- Magenta (88%)
- Yellow (6%)
- Black (33%)





- Cyan (33%)
- Magenta (92%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 79.121, 330.913 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, 79.121, 330.913 by changing the saturation by 10% instead.


 41, 79.121,
330.913


 41, 79.121,
330.913


 100, 79.121,
330.913


 31, 79.121,
330.913

 61, 79.121,
330.913


 21, 79.121,
330.913

 71, 79.121,
330.913

 11, 79.121,
330.913


 81, 79.121,
330.913

 1, 79.121, 330.913

 91, 79.121,
330.913

 0, 79.121, 330.913

 41, 79.121,

 41, 79.121,

330.913

■ 40, 81.055,
331.266

■ 40, 81.334,
331.326

330.913

■ 42, 75.242,
330.530

■ 44, 69.264,
330.106

■ 47, 61.458,
329.639

■ 50, 52.234,
329.132

■ 54, 42.033,
328.594

■ 58, 31.247,
328.036

■ 62, 20.191,
327.467

■ 67, 9.094, 326.888

Harmonies

Complementary

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



41, 79.121, 330.913



61, 83.728, 137.644

Rectangle

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



41, 79.121, 330.913



41, 79.121, 20.913



41, 79.121, 150.913



41, 79.121, 200.913

Sweetspot

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



41, 79.119, 330.913



75, 35.684, 327.934



23, 92.617, 305.480



38, 24.136, 328.123



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



41, 79.119, 330.913



52, 99.055, 331.386



38, 60.504, 3.118



34, 6.272, 326.950



35, 73.719, 331.291



2, 12.893, 327.409

Inverse Universe

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



41, 79.119, 330.913



52, 99.055, 331.386



62, 57.205, 155.433



34, 6.272, 326.950



35, 73.719, 331.291



2, 12.893, 327.409

Previews

White Background



This preview shows how the CIELCh color 41, 79.121, 330.913 looks on a white background.

Color Contrast Check

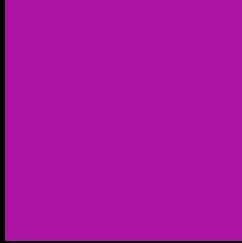
Large Text (above 18pt) WCAG AA ✓ Pass

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, 79.121, 330.913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

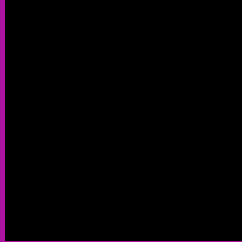
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 79.121, 330.913

Background



This preview shows how black text looks on a background with the CIELCh color 41, 79.121, 330.913.



This preview shows how white text looks on a background with the CIELCh color 41, 79.121, 330.913.

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, 79.121, 330.913

Protanopia
42, 64.112, 286.911

Deuteranopia
42, 33.180, 280.824



Tritanopia
41, 44.905, 24.391

Trichromacy



Original Color
41, 79.121, 330.913



Protanomaly
35, 72.283, 299.527



Deuteranomaly
38, 53.136, 310.203



Tritanomaly
40, 52.157, 355.922

Monochromacy



Original Color
41, 79.121, 330.913



Achromatopsia
35, 0.005, 296.813



Achromatomaly
34, 37.362, 329.026

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 79.121, 330.913 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(172, 20, 161)` looks like.

```
.text, #text, p{  
    color:rgb(172, 20, 161)  
}
```

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(172, 20, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 20, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 79.121, 330.913 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(172, 20, 161) }
```

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

```
.border{ border-color:rgb(172, 20, 161) }
```

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

Here you see how a box with a 4 pixel rgb(172, 20, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 20, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 20, 161);  
box-shadow:4px 4px 4px 4px rgb(172, 20,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 79.121, 330.913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 20, 161) }
```

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

```
.background{ background-color: rgb(172, 20,  
161) }
```

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