

Converting Colors

CIELCh(41, 77.688, 327.981)

Have a look what the booklet for
CIELCh(41, 77.688, 327.981)
contains.

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Color

CIELCh(41, 77.821, 327.731)

Conversions

Conversions Part 1

Format	Color
Hex	A521A6
RGB	165, 33, 166
RGB Percent	65%, 13%, 65%
CMY	0.3525, 0.8700, 0.3486
CMYK	0.01, 0.80, 0.00, 0.35
HSL	300°, 67%, 39%
HSV	300°, 80%, 65%
XYZ	22.9808, 11.8645, 37.2063
YIQ	87.6300, 35.9790, 69.3470

Conversions

Conversions Part 2

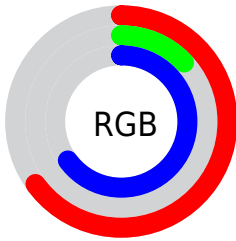
Format	Color
R _Y B	165, 33, 166
Decimal	10822054
CIE Lab	41.00, 65.80, -41.55
CIE LCh	41, 77.821, 327.731
Yxy	11.8645, 0.3189, 0.1647
Android (android.graphics.Color)	4289012134 (0xFFA521A6)
YUV	87.6300, 38.6364, 67.8535
Hunter-Lab	34.4449, 58.8124, -39.9316

Details

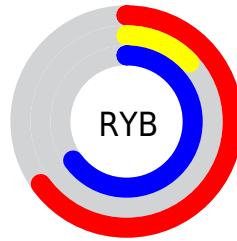
The CIELCh color **41, 77.821, 327.731** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **60, 79.693, 137.151**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 78.007, 327.586**, and **25, 63.506, 326.899** is the 20% darker color. If you saturate the color by 10%, you get **40, 81.673, 327.872**, and if you desaturate by 10%, it is **43, 71.910, 327.497**.

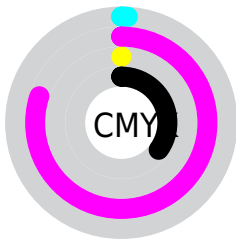
Distribution



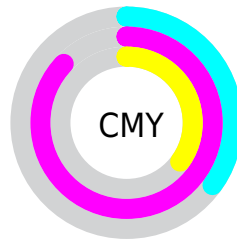
- Red (65%)
- Green (13%)
- Blue (65%)



- Red (65%)
- Yellow (13%)
- Blue (65%)



- Cyan (1%)
- Magenta (80%)
- Yellow (0%)
- Black (35%)





- Cyan (35%)
- Magenta (87%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 77.821, 327.731 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, 77.821, 327.731 by changing the saturation by 10% instead.


 41, 77.821,
327.731


 41, 77.821,
327.731


 100, 77.821,
327.731


 31, 77.821,
327.731

 61, 77.821,
327.731


 21, 77.821,
327.731

 71, 77.821,
327.731

 11, 77.821,
327.731


 81, 77.821,
327.731

 1, 77.821, 327.731

 91, 77.821,
327.731

 0, 77.821, 327.731

 41, 77.821,

 41, 77.821,

327.731

■ 40, 81.673,
327.872

■ 39, 83.869,
327.939

327.731

■ 43, 71.910,
327.497

■ 45, 64.161,
327.176

■ 48, 54.946,
326.779

■ 52, 44.691,
326.324

■ 55, 33.788,
325.826

■ 60, 22.563,
325.301

■ 64, 11.259,
324.759

■ 68, 0.048, 319.568

■ 73, 10.960,
143.745

Harmonies

Complementary

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



41, 77.821, 327.731



60, 79.693, 137.151

Rectangle

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



41, 77.821, 327.731



41, 77.821, 17.731



41, 77.821, 147.731



41, 77.821, 197.731

Sweetspot

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



41, 77.819, 327.731



74, 33.570, 325.535



25, 82.316, 303.220



38, 23.234, 325.715



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, 77.819, 327.731



51, 101.527, 327.919



38, 57.698, 353.638



33, 6.414, 324.717



35, 77.016, 327.942



2, 11.633, 324.157

Inverse Universe

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



37, 62.783, 33.046



46, 90.090, 38.818



60, 56.657, 152.699



33, 3.723, 19.300



30, 68.757, 39.063



1, 6.573, 18.868

Previews

White Background



This preview shows how the CIELCh color 41, 77.821, 327.731 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, 77.821, 327.731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

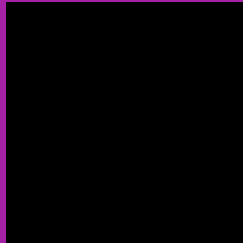
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 77.821, 327.731

Background



This preview shows how black text looks on a background with the CIELCh color 41, 77.821, 327.731.



This preview shows how white text looks on a background with the CIELCh color 41, 77.821, 327.731.

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, 77.821, 327.731

Protanopia

41, 64.183, 287.130

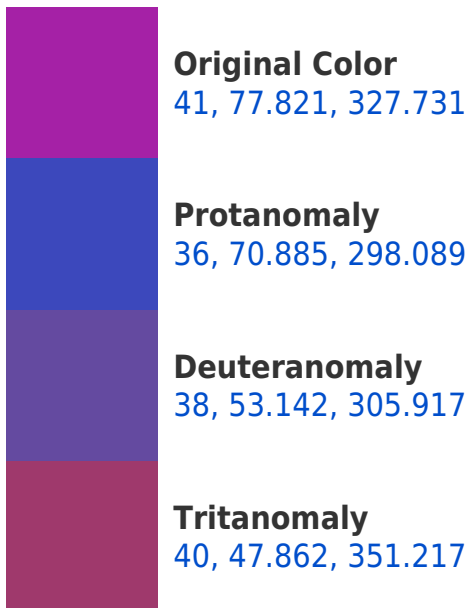
Deuteranopia

42, 36.406, 279.693



Tritanopia
41, 38.318, 22.375

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 77.821, 327.731 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(165, 33, 166)` looks like.

```
.text, #text, p{  
    color:rgb(165, 33, 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(165, 33, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 33, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 77.821, 327.731 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(165, 33, 166) }
```

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

```
.border{ border-color:rgb(165, 33, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 33, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 33, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 33, 166); box-shadow:4px 4px 4px 4px rgb(165, 33, 166) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 77.821, 327.731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 33, 166) }
```

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

```
.background{ background-color: rgb(165, 33,  
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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