

Converting Colors

CIELCh(31, 102.264, 327.850)

Have a look what the booklet for
CIELCh(31, 102.264, 327.850)
contains.

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Color

CIELCh(37, 82.115, 326.542)

Conversions

Conversions Part 1

Format	Color
Hex	9B01A1
RGB	155, 1, 161
RGB Percent	61%, 0%, 63%
CMY	0.3941, 0.9948, 0.3668
CMYK	0.04, 0.99, 0.00, 0.37
HSL	297°, 98%, 32%
HSV	297°, 99%, 63%
XYZ	19.9115, 9.5379, 34.7306
YIQ	65.2860, 40.4240, 82.4080

Conversions

Conversions Part 2

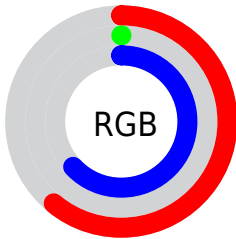
Format	Color
RYB	155, 1, 161
Decimal	10158497
CIELab	37.00, 68.51, -45.27
CIElCh	37, 82.115, 326.542
Yxy	9.5379, 0.3102, 0.1486
Android (android.graphics.Color)	4288348577 (0xFF9B01A1)
YUV	65.2860, 47.1870, 78.6792
Hunter-Lab	30.8835, 61.0382, -45.0572

Details

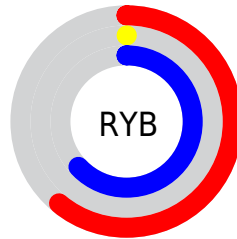
The CIELCh color **37, 82.115, 326.542** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **58, 84.651, 135.844**, and the grayscale version is **27, 0.004, 296.813**.

A 20% lighter version of the original color is **57, 81.925, 326.619**, and **23, 61.697, 325.141** is the 20% darker color. If you saturate the color by 10%, you get **37, 82.295, 326.539**, and if you desaturate by 10%, it is **38, 79.734, 326.569**.

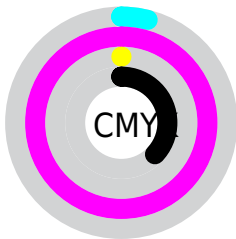
Distribution



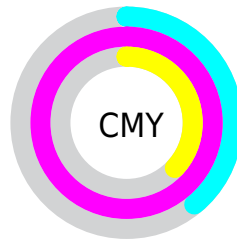
- Red (61%)
- Green (0%)
- Blue (63%)



- Red (61%)
- Yellow (0%)
- Blue (63%)



- Cyan (4%)
- Magenta (99%)
- Yellow (0%)
- Black (37%)





- Cyan (39%)
- Magenta (99%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 37, 82.115, 326.542 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 37, 82.115, 326.542 by changing the saturation by 10% instead.


 37, 82.115,
326.542

 37, 82.115,
326.542


 100, 82.115,
326.542

 27, 82.115,
326.542


 57, 82.115,
326.542

 17, 82.115,
326.542

 67, 82.115,
326.542

 7, 82.115, 326.542

 77, 82.115,
326.542

 0, 82.115, 326.542

 87, 82.115,
326.542

 97, 82.115,
326.542

■ 37, 82.115,
326.542

■ 37, 82.115,
326.542

■ 37, 82.295,
326.539

■ 38, 79.734,
326.569

■ 39, 75.631,
326.497

■ 41, 69.531,
326.312

■ 44, 61.697,
326.025

■ 47, 52.523,
325.654

■ 50, 42.426,
325.220

■ 54, 31.780,
324.743

■ 58, 20.880,

324.240

■ 62, 9.946, 323.720

Harmonies

Complementary

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



37, 82.115, 326.542



58, 84.651, 135.844

Rectangle

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



37, 82.115, 326.542



37, 82.115, 16.542



37, 82.115, 146.542



37, 82.115, 196.542

Sweetspot

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



37, 82.113, 326.542



68, 40.312, 324.811



19, 92.277, 305.503



34, 27.398, 325.001



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



37, 82.113, 326.542



48, 99.725, 326.508



35, 60.918, 356.663



32, 6.183, 323.725



33, 76.185, 326.554



1, 9.527, 322.891

Inverse Universe

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



33, 71.891, 37.743



44, 88.243, 38.505



58, 65.808, 147.183



32, 3.632, 16.375



30, 66.553, 37.511



1, 5.477, 16.124

Previews

White Background



This preview shows how the CIELCh color 37, 82.115, 326.542 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 ✓ Pass

Black Background



This preview shows how the CIELCh color 37, 82.115, 326.542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

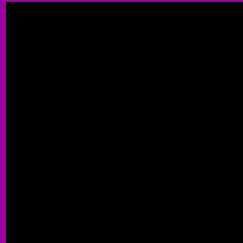
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 37, 82.115, 326.542

Background



This preview shows how black text looks on a background with the CIELCh color 37, 82.115, 326.542.

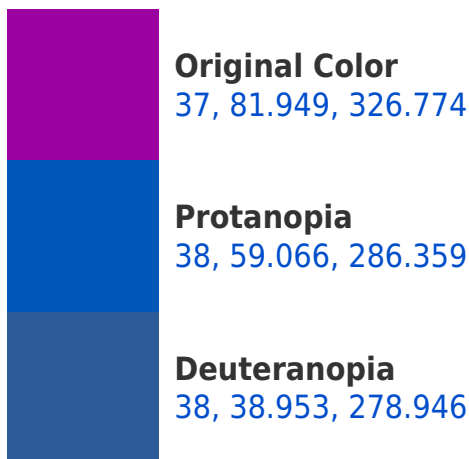


This preview shows how white text looks on a background with the CIELCh color 37, 82.115, 326.542.

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





Tritanopia
38, 37.417, 21.746

Trichromacy



Original Color
37, 81.949, 326.774



Protanomaly
31, 73.980, 301.201



Deuteranomaly
33, 60.712, 306.084



Tritanomaly
36, 50.965, 348.059

Monochromacy



Original Color
37, 81.949, 326.774



Achromatopsia
28, 0.004, 296.813



Achromatomaly
27, 41.319, 326.167

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 37, 82.115, 326.542 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(155, 1, 161)` looks like.

```
.text, #text, p{  
    color:rgb(155, 1, 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(155, 1, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 1, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 37, 82.115, 326.542 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(155, 1, 161) }
```

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

```
.border{ border-color:rgb(155, 1, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 1, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 1, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 1, 161);  
box-shadow:4px 4px 4px 4px rgb(155, 1,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 37, 82.115, 326.542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 1, 161) }
```

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

```
.background{ background-color: rgb(155, 1,  
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](#).

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