

Converting Colors

CIELCh(37, 47.586, 345.079)

Have a look what the booklet for
CIELCh(37, 47.586, 345.079)
contains.

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Color

CIELCh(37, 47.584, 345.015)

Conversions

Conversions Part 1

Format	Color
Hex	92336C
RGB	146, 51, 108
RGB Percent	57%, 20%, 42%
CMY	0.4279, 0.8004, 0.5769
CMYK	0.00, 0.65, 0.26, 0.43
HSL	324°, 48%, 39%
HSV	324°, 65%, 57%
XYZ	15.7126, 9.5379, 15.1702
YIQ	85.9030, 38.3230, 37.8670

Conversions

Conversions Part 2

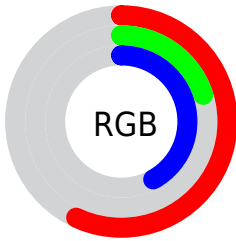
Format	Color
R_{YB}	146, 51, 108
Decimal	9581420
CIE _{Lab}	37.00, 45.97, -12.30
CIE _{LCh}	37, 47.584, 345.015
Y _{xy}	9.5379, 0.3887, 0.2360
Android (android.graphics.Color)	4287771500 (0xFF92336C)
Y_{UV}	85.9030, 10.8938, 52.7051
Hunter-Lab	30.8835, 36.7692, -7.5052

Details

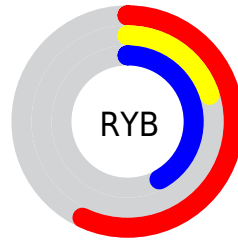
The CIELCh color **37, 47.584, 345.015** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **54, 46.853, 151.623**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **57, 47.316, 345.529**, and **18, 43.429, 345.974** is the 20% darker color. If you saturate the color by 10%, you get **35, 52.407, 346.620**, and if you desaturate by 10%, it is **40, 41.510, 343.671**.

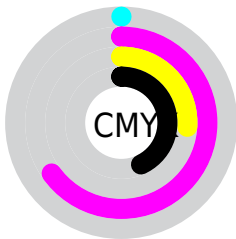
Distribution



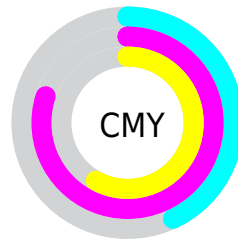
- Red (57%)
- Green (20%)
- Blue (42%)



- Red (57%)
- Yellow (20%)
- Blue (42%)



- Cyan (0%)
- Magenta (65%)
- Yellow (26%)
- Black (43%)





- Cyan (43%)
- Magenta (80%)
- Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 37, 47.584, 345.015 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, 47.584, 345.015 by changing the saturation by 10% instead.


 37, 47.584,
345.015


 37, 47.584,
345.015

 100, 47.584,
345.015


 27, 47.584,
345.015

 57, 47.584,
345.015


 17, 47.584,
345.015


 67, 47.584,
345.015

 7, 47.584, 345.015

 77, 47.584,
345.015

 0, 47.584, 345.015

 87, 47.584,
345.015

 97, 47.584,
345.015

37, 47.584,
345.015

37, 47.584,
345.015

35, 52.407,
346.620

40, 41.510,
343.671

33, 55.669,
348.581

43, 34.567,
342.515

32, 57.264,
351.002

47, 27.097,
341.495

31, 57.835,
352.255

50, 19.372,
340.578

54, 11.592,
339.737

58, 3.889, 338.922

63, 3.655, 158.371

67, 10.996,
157.660

■ 71, 18.113,
157.036

Harmonies

Complementary

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



37, 47.584, 345.015



54, 46.853, 151.623

Rectangle

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



37, 47.584, 345.015



37, 47.584, 35.015



37, 47.584, 165.015



37, 47.584, 215.015

Sweetspot

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



37, 47.582, 345.016



66, 18.988, 340.174



31, 60.040, 308.993



33, 12.929, 340.386



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



37, 47.582, 345.016



44, 65.374, 347.445



36, 43.510, 20.097



29, 4.359, 339.262



29, 55.508, 352.082



1, 3.779, 338.624

Inverse Universe

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



37, 47.582, 345.016



44, 65.374, 347.445



55, 30.323, 184.341



29, 4.359, 339.262



29, 55.508, 352.082



1, 3.779, 338.624

Previews

White Background



This preview shows how the CIELCh color 37, 47.584, 345.015 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, 47.584, 345.015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

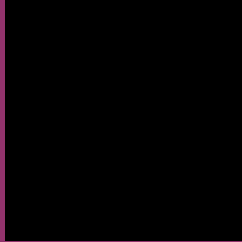
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 37, 47.584, 345.015

Background



This preview shows how black text looks on a background with the CIELCh color 37, 47.584, 345.015.



This preview shows how white text looks on a background with the CIELCh color 37, 47.584, 345.015.

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
37, 47.584, 345.015

Protanopia
37, 29.770, 285.528

Deuteranopia
37, 10.596, 298.293



Tritanopia
37, 37.182, 22.606

Trichromacy



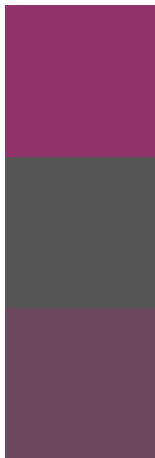
Original Color
37, 47.584, 345.015

Protanomaly
36, 33.600, 310.449

Deuteranomaly
36, 24.659, 330.277

Tritanomaly
37, 38.530, 6.673

Monochromacy



Original Color
37, 47.584, 345.015

Achromatopsia
37, 0.005, 296.813

Achromatomaly
36, 19.552, 341.152

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 37, 47.584, 345.015 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(146, 51, 108)` looks like.

```
.text, #text, p{  
    color:rgb(146, 51, 108)  
}
```

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(146, 51, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 51, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 37, 47.584, 345.015 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(146, 51, 108) }
```

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

```
.border{ border-color:rgb(146, 51, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 51, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(146, 51, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(146, 51, 108); box-shadow:4px 4px 4px 4px rgb(146, 51, 108) }
```

Background

The CSS property to change the background color of an element to CIELCh 37, 47.584, 345.015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 51, 108) }
```

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

```
.background{ background-color: rgb(146, 51,  
108) }
```

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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