

Converting Colors

CIELCh(37, 65.714, 324.000)

Have a look what the booklet for
CIELCh(37, 65.714, 324.000)
contains.

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Color

CIELCh(37, 65.368, 324.011)

Conversions

Conversions Part 1

Format	Color
Hex	8A2E96
RGB	138, 46, 150
RGB Percent	54%, 18%, 59%
CMY	0.4592, 0.8200, 0.4122
CMYK	0.08, 0.69, 0.00, 0.41
HSL	293°, 53%, 38%
HSV	293°, 69%, 59%
XYZ	16.9325, 9.5379, 29.7584
YIQ	85.3640, 21.4480, 51.8480

Conversions

Conversions Part 2

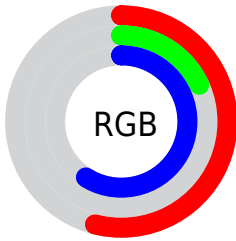
Format	Color
R _Y B	138, 46, 150
Decimal	9055894
CIE Lab	37.00, 52.89, -38.41
CIE LCh	37, 65.368, 324.011
Yxy	9.5379, 0.3011, 0.1696
Android (android.graphics.Color)	4287245974 (0xFF8A2E96)
YUV	85.3640, 31.8655, 46.1618
Hunter-Lab	30.8835, 43.8198, -35.5114

Details

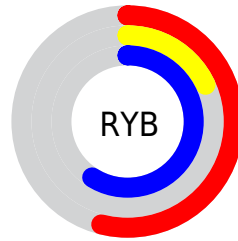
The CIELCh color **37, 65.368, 324.011** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **55, 65.319, 136.493**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **57, 65.385, 323.900**, and **19, 57.934, 323.068** is the 20% darker color. If you saturate the color by 10%, you get **35, 71.417, 324.105**, and if you desaturate by 10%, it is **40, 57.763, 323.789**.

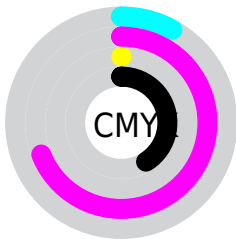
Distribution



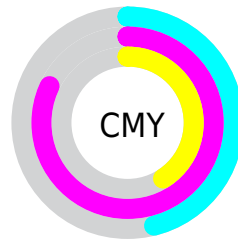
- Red (54%)
- Green (18%)
- Blue (59%)



- Red (54%)
- Yellow (18%)
- Blue (59%)



- Cyan (8%)
- Magenta (69%)
- Yellow (0%)
- Black (41%)





- Cyan (46%)
- Magenta (82%)
- Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 37, 65.368, 324.011 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, 65.368, 324.011 by changing the saturation by 10% instead.


 37, 65.368,
324.011


 37, 65.368,
324.011

 100, 65.368,
324.011


 27, 65.368,
324.011

 57, 65.368,
324.011


 17, 65.368,
324.011


 67, 65.368,
324.011

 7, 65.368, 324.011

 77, 65.368,
324.011

 0, 65.368, 324.011

 87, 65.368,
324.011

 97, 65.368,
324.011

37, 65.368,
324.011

37, 65.368,
324.011

35, 71.417,
324.105

40, 57.763,
323.789

33, 75.606,
324.045

43, 49.009,
323.467

32, 78.223,
323.858

46, 39.498,
323.074

32, 78.380,
323.846

50, 29.564,
322.636

54, 19.459,
322.173

58, 9.364, 321.694

62, 0.602, 141.561

67, 10.364,
140.820

■ 71, 19.879,
140.382

Harmonies

Complementary

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



37, 65.368, 324.011



55, 65.319, 136.493

Rectangle

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



37, 65.368, 324.011



37, 65.368, 14.011



37, 65.368, 144.011



37, 65.368, 194.011

Sweetspot

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



37, 65.366, 324.011



68, 26.014, 322.268



29, 58.441, 297.209



34, 17.570, 322.383



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



37, 65.366, 324.011



44, 89.306, 324.094



37, 51.369, 344.693



29, 5.575, 321.685



29, 73.672, 323.878



1, 4.843, 321.275

Inverse Universe

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



35, 47.458, 21.598



42, 69.169, 27.513



55, 51.189, 150.198



29, 3.376, 10.591



28, 61.305, 33.810



1, 2.874, 9.898

Previews

White Background



This preview shows how the CIELCh color 37, 65.368, 324.011 looks on a white background.

Color Contrast Check

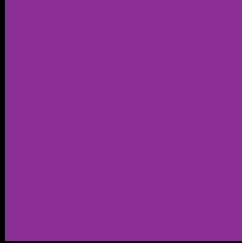
Large Text (above 18pt) WCAG AA ✓ Pass

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, 65.368, 324.011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

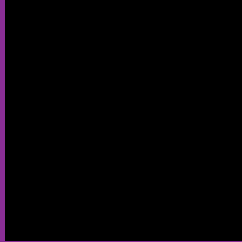
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 37, 65.368, 324.011

Background



This preview shows how black text looks on a background with the CIELCh color 37, 65.368, 324.011.



This preview shows how white text looks on a background with the CIELCh color 37, 65.368, 324.011.

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
37, 26.546, 16.202

Trichromacy



Original Color
37, 65.368, 324.011



Protanomaly
34, 60.830, 295.063



Deuteranomaly
36, 45.494, 301.577



Tritanomaly
36, 37.287, 343.919

Monochromacy



Original Color
37, 65.368, 324.011



Achromatopsia
36, 0.005, 296.813



Achromatomaly
35, 26.894, 322.347

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 37, 65.368, 324.011 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(138, 46, 150)` looks like.

```
.text, #text, p{  
    color:rgb(138, 46, 150)  
}
```

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(138, 46, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 46, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 37, 65.368, 324.011 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(138, 46, 150) }
```

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

```
.border{ border-color:rgb(138, 46, 150) }
```

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

Here you see how a box with a 4 pixel rgb(138, 46, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 46, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 46, 150);  
box-shadow:4px 4px 4px 4px rgb(138, 46,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 37, 65.368, 324.011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 46, 150) }
```

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

```
.background{ background-color: rgb(138, 46,  
150) }
```

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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