

Converting Colors

CIELCh(37, 64.810, 324.840)

Have a look what the booklet for
CIELCh(37, 64.810, 324.840)
contains.

CIELCh(37, 64.965, 324.907)	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(37, 64.965, 324.907)

Conversions

Conversions Part 1

Format	Color
Hex	8B2D94
RGB	139, 45, 148
RGB Percent	55%, 18%, 58%
CMY	0.4542, 0.8228, 0.4189
CMYK	0.06, 0.70, 0.00, 0.42
HSL	295°, 53%, 38%
HSV	295°, 70%, 58%
XYZ	16.9803, 9.5379, 29.0328
YIQ	84.8480, 22.9610, 51.9610

Conversions

Conversions Part 2

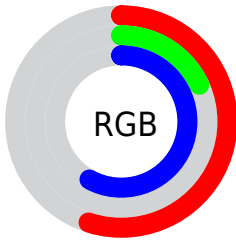
Format	Color
R_{YB}	139, 45, 148
Decimal	9121172
CIE Lab	37.00, 53.16, -37.35
CIE LCh	37, 64.965, 324.907
Yxy	9.5379, 0.3057, 0.1717
Android (android.graphics.Color)	4287311252 (0xFF8B2D94)
YUV	84.8480, 31.1339, 47.4913
Hunter-Lab	30.8835, 44.0961, -34.1186

Details

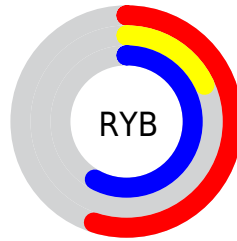
The CIELCh color **37, 64.965, 324.907** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **54, 65.233, 136.989**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **57, 65.176, 324.752**, and **19, 57.406, 323.743** is the 20% darker color. If you saturate the color by 10%, you get **35, 70.843, 325.033**, and if you desaturate by 10%, it is **40, 57.520, 324.663**.

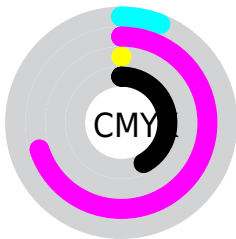
Distribution



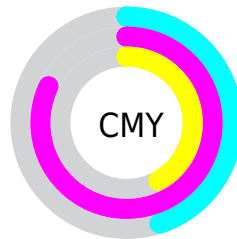
- Red (55%)
- Green (18%)
- Blue (58%)



- Red (55%)
- Yellow (18%)
- Blue (58%)



- Cyan (6%)
- Magenta (70%)
- Yellow (0%)
- Black (42%)





- Cyan (45%)
- Magenta (82%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 37, 64.965, 324.907 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, 64.965, 324.907 by changing the saturation by 10% instead.


 37, 64.965,
324.907


 37, 64.965,
324.907

 100, 64.965,
324.907


 27, 64.965,
324.907

 57, 64.965,
324.907


 17, 64.965,
324.907


 67, 64.965,
324.907

 7, 64.965, 324.907

 77, 64.965,
324.907

 0, 64.965, 324.907

 87, 64.965,
324.907

 97, 64.965,
324.907

■ 37, 64.965,
324.907

■ 37, 64.965,
324.907

■ 35, 70.843,
325.033

■ 40, 57.520,
324.663

■ 34, 74.877,
325.022

■ 43, 48.898,
324.326

■ 33, 77.392,
324.899

■ 46, 39.485,
323.921

■ 33, 77.513,
324.893

■ 50, 29.615,
323.471

■ 53, 19.550,
322.995

■ 57, 9.475, 322.504

■ 62, 0.482, 142.441

■ 66, 10.242,
141.600

■ 70, 19.758,
141.145

Harmonies

Complementary

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



37, 64.965, 324.907



54, 65.233, 136.989

Rectangle

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



37, 64.965, 324.907



37, 64.965, 14.907



37, 64.965, 144.907



37, 64.965, 194.907

Sweetspot

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



37, 64.963, 324.907



68, 26.216, 323.089



28, 59.167, 297.885



34, 17.703, 323.207



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, 64.963, 324.907



45, 89.244, 325.045



36, 50.488, 345.703



29, 5.622, 322.489



30, 73.481, 324.914



1, 4.886, 322.066

Inverse Universe

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



35, 47.588, 23.684



42, 70.264, 29.474



55, 50.067, 150.897



29, 3.360, 12.832



28, 62.333, 35.318



1, 2.856, 12.178

Previews

White Background



This preview shows how the CIELCh color 37, 64.965, 324.907 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, 64.965, 324.907 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

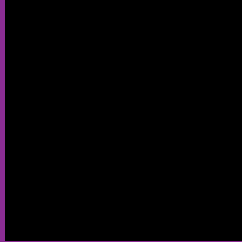
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 37, 64.965, 324.907

Background



This preview shows how black text looks on a background with the CIELCh color 37, 64.965, 324.907.

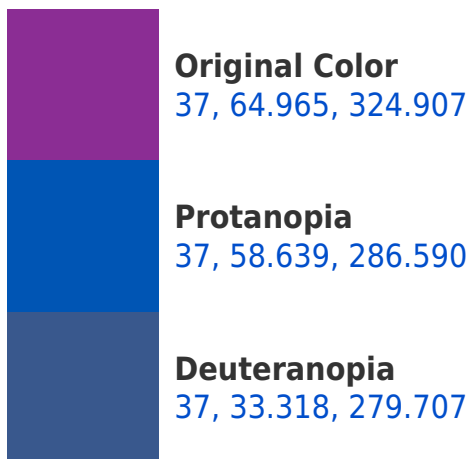


This preview shows how white text looks on a background with the CIELCh color 37, 64.965, 324.907.

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, 27.507, 17.891

Trichromacy



Original Color
37, 64.965, 324.907



Protanomaly
34, 60.227, 295.096



Deuteranomaly
35, 45.014, 302.808



Tritanomaly
37, 37.249, 345.210

Monochromacy



Original Color
37, 64.965, 324.907



Achromatopsia
36, 0.005, 296.813



Achromatomaly
35, 26.552, 323.826

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 37, 64.965, 324.907 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(139, 45, 148)` looks like.

```
.text, #text, p{  
    color:rgb(139, 45, 148)  
}
```

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(139, 45, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 45, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 37, 64.965, 324.907 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(139, 45, 148) }
```

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

```
.border{ border-color:rgb(139, 45, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 45, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 45, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 45, 148);  
box-shadow:4px 4px 4px 4px rgb(139, 45,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 37, 64.965, 324.907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 45, 148) }
```

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

```
.background{ background-color: rgb(139, 45,  
148) }
```

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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