

Converting Colors

CIELCh(34, 52.018, 348.197)

Have a look what the booklet for
CIELCh(34, 52.018, 348.197)
contains.

CIELCh(34, 52.090, 348.413)	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(34, 52.090, 348.413)

Conversions

Conversions Part 1

Format	Color
Hex	912262
RGB	145, 34, 98
RGB Percent	57%, 13%, 38%
CMY	0.4322, 0.8676, 0.6164
CMYK	0.00, 0.77, 0.32, 0.43
HSL	325°, 62%, 35%
HSV	325°, 77%, 57%
XYZ	14.3994, 8.0082, 12.2953
YIQ	74.4850, 45.6120, 43.4360

Conversions

Conversions Part 2

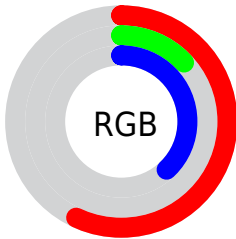
Format	Color
R_{YB}	145, 34, 98
Decimal	9511522
CIE Lab	34.00, 51.03, -10.46
CIE LCh	34, 52.090, 348.413
Yxy	8.0082, 0.4149, 0.2308
Android (android.graphics.Color)	4287701602 (0xFF912262)
YUV	74.4850, 11.5929, 61.8417
Hunter-Lab	28.2988, 41.3038, -5.9512

Details

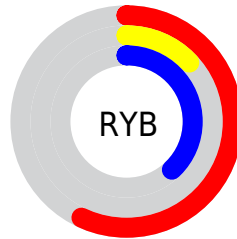
The CIELCh color **34, 52.090, 348.413** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **53, 52.032, 150.677**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **54, 52.055, 348.184**, and **18, 40.993, 352.298** is the 20% darker color. If you saturate the color by 10%, you get **32, 55.082, 350.600**, and if you desaturate by 10%, it is **36, 47.531, 346.642**.

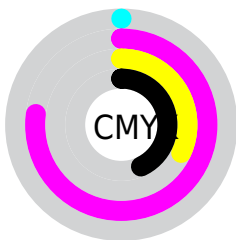
Distribution



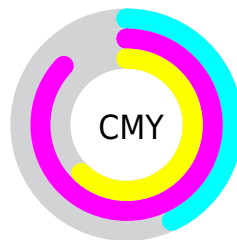
- Red (57%)
- Green (13%)
- Blue (38%)



- Red (57%)
- Yellow (13%)
- Blue (38%)



- Cyan (0%)
- Magenta (77%)
- Yellow (32%)
- Black (43%)





- Cyan (43%)
- Magenta (87%)
- Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 52.090, 348.413 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 34, 52.090, 348.413 by changing the saturation by 10% instead.


 34, 52.090,
348.413


 34, 52.090,
348.413

 100, 52.090,
348.413

 24, 52.090,
348.413

 54, 52.090,
348.413

 14, 52.090,
348.413


 64, 52.090,
348.413

 4, 52.090, 348.413

 74, 52.090,
348.413

 0, 52.090, 348.413

 84, 52.090,
348.413

 94, 52.090,
348.413

■ 34, 52.090,
348.413

■ 34, 52.090,
348.413

■ 32, 55.082,
350.600

■ 36, 47.531,
346.642

■ 31, 56.541,
353.282

■ 39, 41.707,
345.175

■ 31, 56.960,
354.201

■ 42, 34.983,
343.928

■ 46, 27.704,
342.842

■ 49, 20.151,
341.874

■ 53, 12.529,
340.996

■ 57, 4.973, 340.165

■ 61, 2.430, 159.616

Harmonies

Complementary

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



34, 52.090, 348.413



53, 52.032, 150.677

Rectangle

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



34, 52.090, 348.413



34, 52.090, 38.413



34, 52.090, 168.413



34, 52.090, 218.413

Sweetspot

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



34, 52.087, 348.414



65, 21.533, 341.585



26, 69.409, 310.406



32, 14.875, 341.879



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



34, 52.087, 348.414



42, 68.337, 352.516



32, 51.609, 26.460



28, 4.165, 340.372



29, 54.237, 353.973



1, 2.787, 339.724

Inverse Universe

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



34, 52.087, 348.414



42, 68.337, 352.516



54, 32.235, 186.778



28, 4.165, 340.372



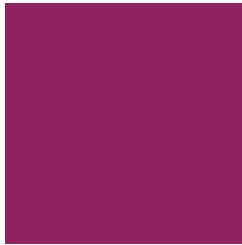
29, 54.237, 353.973



1, 2.787, 339.724

Previews

White Background



This preview shows how the CIELCh color 34, 52.090, 348.413 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 CIE LCh color 34, 52.090, 348.413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

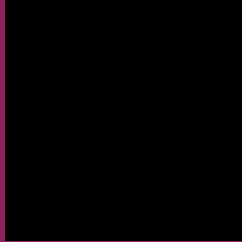
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 52.090, 348.413

Background



This preview shows how black text looks on a background with the CIELCh color 34, 52.090, 348.413.



This preview shows how white text looks on a background with the CIELCh color 34, 52.090, 348.413.

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

34, 52.090, 348.413

Protanopia

35, 31.418, 285.083

Deuteranopia

34, 8.434, 305.626



Tritanopia
34, 44.241, 26.407

Trichromacy



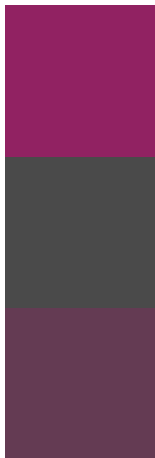
Original Color
34, 52.090, 348.413

Protanomaly
32, 36.213, 312.172

Deuteranomaly
33, 26.028, 336.219

Tritanomaly
34, 44.332, 10.960

Monochromacy



Original Color
34, 52.090, 348.413

Achromatopsia
31, 0.005, 296.813

Achromatomaly
31, 22.944, 342.683

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 52.090, 348.413 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(145, 34, 98)` looks like.

```
.text, #text, p{  
    color:rgb(145, 34, 98)  
}
```

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(145, 34, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 34, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 52.090, 348.413 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(145, 34, 98) }
```

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

```
.border{ border-color:rgb(145, 34, 98) }
```

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

Here you see how a box with a 4 pixel rgb(145, 34, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 34, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 34, 98);  
box-shadow:4px 4px 4px 4px rgb(145, 34,  
98) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 52.090, 348.413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 34, 98) }
```

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

```
.background{ background-color: rgb(145, 34,  
98) }
```

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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