

Converting Colors

CIELCh(35, 69.504, 336.053)

Have a look what the booklet for
CIELCh(35, 69.504, 336.053)
contains.

CIELCh(35, 69.354, 336.202)	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(35, 69.354, 336.202)

Conversions

Conversions Part 1

Format	Color
Hex	9A0280
RGB	154, 2, 128
RGB Percent	60%, 1%, 50%
CMY	0.3955, 0.9906, 0.4975
CMYK	0.00, 0.98, 0.17, 0.40
HSL	310°, 97%, 31%
HSV	310°, 98%, 60%
XYZ	17.2861, 8.4984, 21.1984
YIQ	61.8120, 50.1460, 71.4100

Conversions

Conversions Part 2

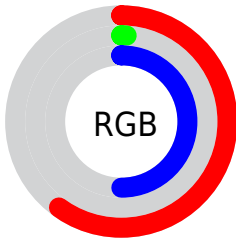
Format	Color
RYB	154, 2, 128
Decimal	10093184
CIELab	35.00, 63.46, -27.99
CIELCh	35, 69.354, 336.202
Yxy	8.4984, 0.3679, 0.1809
Android (android.graphics.Color)	4288283264 (0xFF9A0280)
YUV	61.8120, 32.6307, 80.8489
Hunter-Lab	29.1520, 54.8283, -22.7075

Details

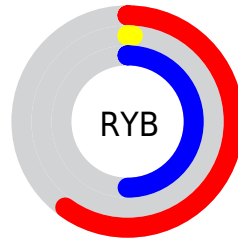
The CIELCh color **35, 69.354, 336.202** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **55, 77.441, 138.389**, and the grayscale version is **26, 0.004, 296.813**.

A 20% lighter version of the original color is **55, 69.095, 336.276**, and **21, 49.391, 337.678** is the 20% darker color. If you saturate the color by 10%, you get **35, 69.559, 336.330**, and if you desaturate by 10%, it is **36, 67.822, 335.379**.

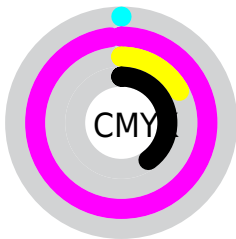
Distribution



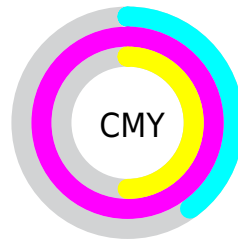
- Red (60%)
- Green (1%)
- Blue (50%)



- Red (60%)
- Yellow (1%)
- Blue (50%)



- Cyan (0%)
- Magenta (98%)
- Yellow (17%)
- Black (40%)





- Cyan (40%)
- Magenta (99%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 69.354, 336.202 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 35, 69.354, 336.202 by changing the saturation by 10% instead.


 35, 69.354,
336.202


 35, 69.354,
336.202

 100, 69.354,
336.202


 25, 69.354,
336.202

 55, 69.354,
336.202


 15, 69.354,
336.202


 65, 69.354,
336.202

 5, 69.354, 336.202

 75, 69.354,
336.202

 0, 69.354, 336.202

 85, 69.354,
336.202

 95, 69.354,
336.202

■ 35, 69.354,
336.202

■ 35, 69.354,
336.202

■ 35, 69.559,
336.330

■ 36, 67.822,
335.379

■ 37, 64.602,
334.620

■ 39, 59.501,
333.911

■ 42, 52.792,
333.231

■ 45, 44.861,
332.568

■ 48, 36.104,
331.915

■ 52, 26.863,
331.274

■ 56, 17.408,

330.644

■ 60, 7.933, 330.019

Harmonies

Complementary

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



35, 69.354, 336.202



55, 77.441, 138.389

Rectangle

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



35, 69.354, 336.202



35, 69.354, 26.202



35, 69.354, 156.202



35, 69.354, 206.202

Sweetspot

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



35, 69.352, 336.202



66, 35.206, 331.411



19, 89.882, 306.971



33, 24.164, 331.662



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



35, 69.352, 336.202



46, 84.595, 336.524



32, 58.659, 16.451



30, 5.276, 330.067



31, 64.988, 336.251



1, 5.614, 330.001

Inverse Universe

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



35, 69.352, 336.202



46, 84.595, 336.524



56, 49.858, 159.957



30, 5.276, 330.067



31, 64.988, 336.251



1, 5.614, 330.001

Previews

White Background



This preview shows how the CIELCh color 35, 69.354, 336.202 looks on a white background.

Color Contrast Check

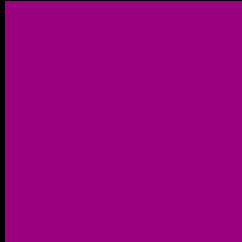
Large Text (above 18pt) WCAG AA ✓ Pass

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 35, 69.354, 336.202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

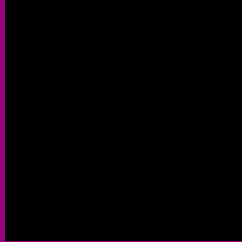
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 69.354, 336.202

Background



This preview shows how black text looks on a background with the CIELCh color 35, 69.354, 336.202.



This preview shows how white text looks on a background with the CIELCh color 35, 69.354, 336.202.

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

35, 69.354, 336.202

Protanopia

36, 57.144, 286.558

Deuteranopia

36, 22.553, 283.227



Tritanopia
36, 46.275, 26.681

Trichromacy



Original Color
35, 69.354, 336.202



Protanomaly
29, 65.713, 301.189



Deuteranomaly
32, 45.812, 317.799



Tritanomaly
34, 50.826, 1.796

Monochromacy



Original Color
35, 69.354, 336.202



Achromatopsia
26, 0.004, 296.813



Achromatomaly
26, 35.851, 333.316

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 69.354, 336.202 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(154, 2, 128)` looks like.

```
.text, #text, p{  
    color:rgb(154, 2, 128)  
}
```

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(154, 2, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 2, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 69.354, 336.202 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(154, 2, 128) }
```

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

```
.border{ border-color:rgb(154, 2, 128) }
```

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

Here you see how a box with a 4 pixel rgb(154, 2, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 2, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 2, 128);  
box-shadow:4px 4px 4px 4px rgb(154, 2,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 69.354, 336.202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 2, 128) }
```

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

```
.background{ background-color: rgb(154, 2,  
128) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor