

Converting Colors

CIELCh(35, 65.125, 343.932)

Have a look what the booklet for
CIELCh(35, 65.125, 343.932)
contains.

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Color

CIELCh(35, 64.921, 344.013)

Conversions

Conversions Part 1

Format	Color
Hex	9E0270
RGB	158, 2, 112
RGB Percent	62%, 1%, 44%
CMY	0.3795, 0.9939, 0.5600
CMYK	0.00, 0.99, 0.29, 0.38
HSL	318°, 98%, 31%
HSV	318°, 99%, 62%
XYZ	17.0952, 8.4984, 16.1239
YIQ	61.1840, 57.6660, 67.2820

Conversions

Conversions Part 2

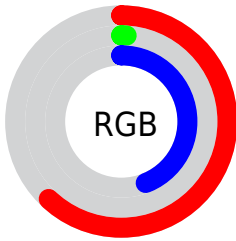
Format	Color
R_{YB}	158, 2, 112
Decimal	10355312
CIE _{Lab}	35.00, 62.41, -17.88
CIE _{LCh}	35, 64.921, 344.013
Y _{xy}	8.4984, 0.4098, 0.2037
Android (android.graphics.Color)	4288545392 (0xFF9E0270)
YUV	61.1840, 25.0523, 84.9076
Hunter-Lab	29.1520, 53.6591, -12.3867

Details

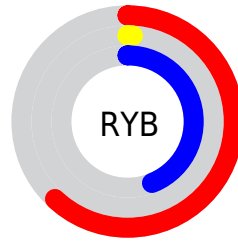
The CIELCh color **35, 64.921, 344.013** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **57, 73.705, 141.368**, and the grayscale version is **26, 0.004, 296.813**.

A 20% lighter version of the original color is **55, 64.714, 344.144**, and **21, 45.504, 348.422** is the 20% darker color. If you saturate the color by 10%, you get **35, 65.016, 344.179**, and if you desaturate by 10%, it is **36, 63.791, 342.344**.

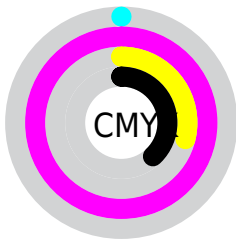
Distribution



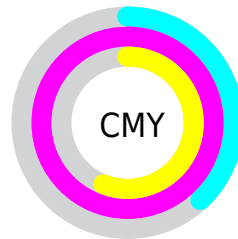
- Red (62%)
- Green (1%)
- Blue (44%)



- Red (62%)
- Yellow (1%)
- Blue (44%)



- Cyan (0%)
- Magenta (99%)
- Yellow (29%)
- Black (38%)





- Cyan (38%)
- Magenta (99%)
- Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 64.921, 344.013 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, 64.921, 344.013 by changing the saturation by 10% instead.


 35, 64.921,
344.013


 35, 64.921,
344.013

 100, 64.921,
344.013


 25, 64.921,
344.013

 55, 64.921,
344.013


 15, 64.921,
344.013


 65, 64.921,
344.013

 5, 64.921, 344.013

 75, 64.921,
344.013

 0, 64.921, 344.013

 85, 64.921,
344.013

 95, 64.921,
344.013

■ 35, 64.921,
344.013

■ 35, 64.921,
344.013

■ 35, 65.016,
344.179

■ 36, 63.791,
342.344

■ 37, 61.027,
340.915

■ 40, 56.379,
339.706

■ 42, 50.129,
338.655

■ 45, 42.676,
337.717

■ 49, 34.425,
336.860

■ 53, 25.721,
336.064

■ 57, 16.828,

335.316

■ 61, 7.933, 334.599

Harmonies

Complementary

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



35, 64.921, 344.013



57, 73.705, 141.368

Rectangle

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



35, 64.921, 344.013



35, 64.921, 34.013



35, 64.921, 164.013



35, 64.921, 214.013

Sweetspot

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



35, 64.918, 344.013



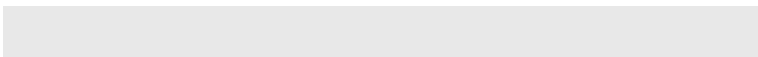
67, 33.025, 336.185



20, 90.492, 308.193



34, 22.680, 336.498



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



35, 64.918, 344.013



46, 78.953, 344.590



33, 63.528, 26.994



31, 4.969, 334.615



31, 60.417, 343.996



1, 6.291, 335.489

Inverse Universe

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



35, 64.918, 344.013



46, 78.953, 344.590



58, 44.126, 169.608



31, 4.969, 334.615



31, 60.417, 343.996



1, 6.291, 335.489

Previews

White Background



This preview shows how the CIELCh color 35, 64.921, 344.013 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, 64.921, 344.013 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

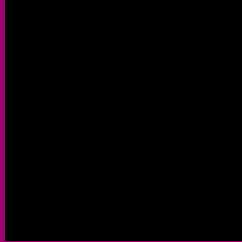
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 64.921, 344.013

Background



This preview shows how black text looks on a background with the CIELCh color 35, 64.921, 344.013.



This preview shows how white text looks on a background with the CIELCh color 35, 64.921, 344.013.

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, 64.780, 344.039

Protanopia

36, 47.810, 286.440

Deuteranopia

36, 13.679, 292.396



Tritanopia
36, 52.177, 29.223

Trichromacy



Original Color
35, 64.780, 344.039

Protanomaly
31, 57.104, 308.394

Deuteranomaly
32, 39.742, 328.033

Tritanomaly
35, 53.598, 9.612

Monochromacy



Original Color
35, 64.780, 344.039

Achromatopsia
26, 0.004, 296.813

Achromatomaly
25, 34.014, 337.783

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 64.921, 344.013 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(158, 2, 112)` looks like.

```
.text, #text, p{  
    color:rgb(158, 2, 112)  
}
```

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(158, 2, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 2, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 64.921, 344.013 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(158, 2, 112) }
```

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

```
.border{ border-color:rgb(158, 2, 112) }
```

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

Here you see how a box with a 4 pixel rgb(158, 2, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 2, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 2, 112);  
box-shadow:4px 4px 4px 4px rgb(158, 2,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 64.921, 344.013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 2, 112) }
```

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

```
.background{ background-color: rgb(158, 2,  
112) }
```

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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