

Converting Colors

CIELCh(35, 50.913, 351.057)

Have a look what the booklet for
CIELCh(35, 50.913, 351.057)
contains.

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Color

CIELCh(35, 50.813, 351.342)

Conversions

Conversions Part 1

Format	Color
Hex	942660
RGB	148, 38, 96
RGB Percent	58%, 15%, 38%
CMY	0.4202, 0.8516, 0.6241
CMYK	0.00, 0.74, 0.35, 0.42
HSL	328°, 59%, 36%
HSV	328°, 74%, 58%
XYZ	14.9767, 8.4984, 11.8843
YIQ	77.5020, 46.9420, 41.3580

Conversions

Conversions Part 2

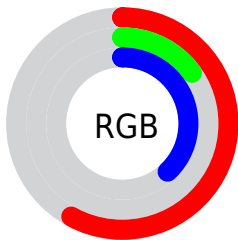
Format	Color
R_{YB}	148, 38, 96
Decimal	9709152
CIE _{Lab}	35.00, 50.23, -7.65
CIE _{LCh}	35, 50.813, 351.342
Yxy	8.4984, 0.4236, 0.2403
Android (android.graphics.Color)	4287899232 (0xFF942660)
YUV	77.5020, 9.1195, 61.8267
Hunter-Lab	29.1520, 40.6877, -3.7642

Details

The CIELCh color **35, 50.813, 351.342** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **54, 49.433, 153.362**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 50.642, 351.452**, and **18, 41.266, 355.733** is the 20% darker color. If you saturate the color by 10%, you get **33, 54.254, 353.773**, and if you desaturate by 10%, it is **37, 45.894, 349.390**.

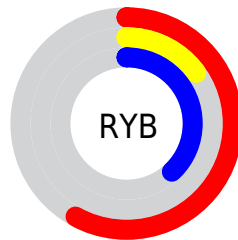
Distribution



Red (58%)

Green (15%)

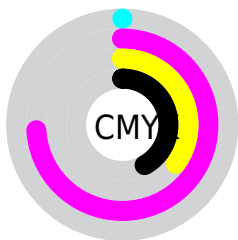
Blue (38%)



Red (58%)

Yellow (15%)

Blue (38%)

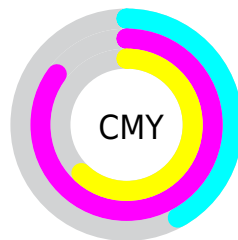


Cyan (0%)

Magenta (74%)

Yellow (35%)

Black (42%)



Cyan (42%)


Magenta (85%)


Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 50.813, 351.342 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, 50.813, 351.342 by changing the saturation by 10% instead.


 35, 50.813,
351.342


 35, 50.813,
351.342

 100, 50.813,
351.342


 25, 50.813,
351.342

 55, 50.813,
351.342


 15, 50.813,
351.342


 65, 50.813,
351.342

 5, 50.813, 351.342

 75, 50.813,
351.342

 0, 50.813, 351.342

 85, 50.813,
351.342

 95, 50.813,
351.342

■ 35, 50.813,
351.342

■ 35, 50.813,
351.342

■ 33, 54.254,
353.773

■ 37, 45.894,
349.390

■ 32, 56.104,
356.818

■ 40, 39.823,
347.789

■ 31, 56.878,
358.652

■ 44, 32.964,
346.443

■ 47, 25.651,
345.282

■ 51, 18.143,
344.258

■ 55, 10.625,
343.336

■ 59, 3.217, 342.443

■ 64, 4.011, 161.867

■ 68, 11.021,
161.123

Harmonies

Complementary

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



35, 50.813, 351.342



54, 49.433, 153.362

Rectangle

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



35, 50.813, 351.342



35, 50.813, 41.342



35, 50.813, 171.342



35, 50.813, 221.342

Sweetspot

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



35, 50.810, 351.343



66, 20.148, 344.070



28, 68.532, 311.612



34, 13.665, 344.303



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



35, 50.810, 351.343



42, 67.248, 355.638



34, 52.248, 29.131



29, 4.144, 342.880



29, 54.052, 358.380



1, 3.588, 342.195

Inverse Universe

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



35, 50.810, 351.343



42, 67.248, 355.638



56, 31.168, 192.639



29, 4.144, 342.880



29, 54.052, 358.380



1, 3.588, 342.195

Previews

White Background



This preview shows how the CIELCh color 35, 50.813, 351.342 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, 50.813, 351.342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

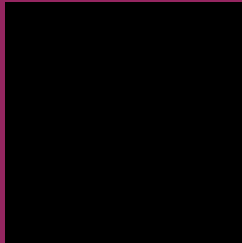
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 50.813, 351.342

Background



This preview shows how black text looks on a background with the CIELCh color 35, 50.813, 351.342.



This preview shows how white text looks on a background with the CIELCh color 35, 50.813, 351.342.

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, 50.813, 351.342

Protanopia

36, 27.546, 285.053

Deuteranopia

35, 6.571, 321.822



Tritanopia
35, 44.960, 26.374

Trichromacy



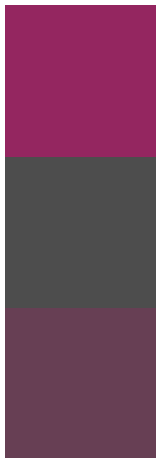
Original Color
35, 50.813, 351.342

Protanomaly
33, 32.812, 315.330

Deuteranomaly
34, 24.986, 341.960

Tritanomaly
35, 44.710, 12.405

Monochromacy



Original Color
35, 50.813, 351.342

Achromatopsia
33, 0.005, 296.813

Achromatomaly
32, 21.481, 345.756

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 50.813, 351.342 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(148, 38, 96)` looks like.

```
.text, #text, p{  
    color:rgb(148, 38, 96)  
}
```

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(148, 38, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 38, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 50.813, 351.342 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(148, 38, 96) }
```

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

```
.border{ border-color:rgb(148, 38, 96) }
```

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

Here you see how a box with a 4 pixel rgb(148, 38, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 38, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 38, 96);  
box-shadow:4px 4px 4px 4px rgb(148, 38,  
96) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 50.813, 351.342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 38, 96) }
```

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

```
.background{ background-color: rgb(148, 38,  
96) }
```

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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