

Converting Colors

CIELCh(35, 52.902, 355.582)

Have a look what the booklet for
CIELCh(35, 52.902, 355.582)
contains.

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Color

CIELCh(35, 52.823, 355.710)

Conversions

Conversions Part 1

Format	Color
Hex	98205A
RGB	152, 32, 90
RGB Percent	60%, 13%, 35%
CMY	0.4028, 0.8731, 0.6461
CMYK	0.00, 0.79, 0.41, 0.40
HSL	331°, 65%, 36%
HSV	331°, 79%, 60%
XYZ	15.3865, 8.4984, 10.5577
YIQ	74.4920, 52.9020, 43.4780

Conversions

Conversions Part 2

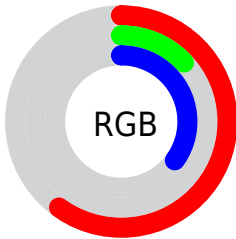
Format	Color
R_{YB}	152, 32, 90
Decimal	9969754
CIE Lab	35.00, 52.68, -3.95
CIE LCh	35, 52.823, 355.710
Yxy	8.4984, 0.4467, 0.2467
Android (android.graphics.Color)	4288159834 (0xFF98205A)
YUV	74.4920, 7.6454, 67.9745
Hunter-Lab	29.1520, 43.1969, -1.0660

Details

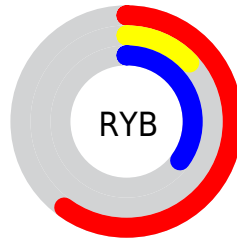
The CIELCh color **35, 52.823, 355.710** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **56, 50.594, 154.789**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 52.962, 355.523**, and **19, 41.455, 1.878** is the 20% darker color. If you saturate the color by 10%, you get **33, 55.734, 358.767**, and if you desaturate by 10%, it is **37, 48.383, 353.285**.

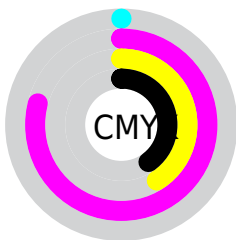
Distribution



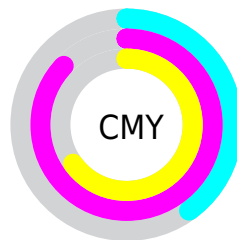
- Red (60%)
- Green (13%)
- Blue (35%)



- Red (60%)
- Yellow (13%)
- Blue (35%)



- Cyan (0%)
- Magenta (79%)
- Yellow (41%)
- Black (40%)





- Cyan (40%)
- Magenta (87%)
- Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 52.823, 355.710 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, 52.823, 355.710 by changing the saturation by 10% instead.


 35, 52.823,
355.710


 35, 52.823,
355.710

 100, 52.823,
355.710


 25, 52.823,
355.710

 55, 52.823,
355.710


 15, 52.823,
355.710


 65, 52.823,
355.710

 5, 52.823, 355.710

 75, 52.823,
355.710

 0, 52.823, 355.710

 85, 52.823,
355.710

 95, 52.823,
355.710

■ 35, 52.823,
355.710

■ 35, 52.823,
355.710

■ 33, 55.734,
358.767

■ 37, 48.383,
353.285

■ 32, 57.392, 2.458

■ 40, 42.666,
351.336

■ 32, 57.604, 2.921

■ 43, 36.028,
349.735

■ 47, 28.825,
348.387

■ 51, 21.351,
347.225

■ 55, 13.822,
346.200

■ 59, 6.380, 345.265

■ 63, 0.889, 164.878

Harmonies

Complementary

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



35, 52.823, 355.710



56, 50.594, 154.789

Rectangle

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



35, 52.823, 355.710



35, 52.823, 45.710



35, 52.823, 175.710



35, 52.823, 225.710

Sweetspot

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



35, 52.820, 355.711



68, 22.095, 346.773



29, 73.262, 312.998



34, 15.171, 347.117



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



35, 52.820, 355.711



43, 69.433, 1.830



34, 57.394, 33.410



30, 4.137, 345.308



29, 54.268, 2.571



1, 4.396, 345.039

Inverse Universe

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



35, 52.820, 355.711



43, 69.433, 1.830



57, 31.415, 198.716



30, 4.137, 345.308



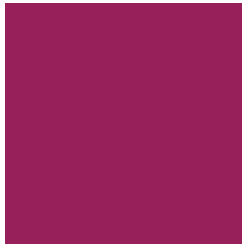
29, 54.268, 2.571



1, 4.396, 345.039

Previews

White Background



This preview shows how the CIELCh color 35, 52.823, 355.710 looks on a white background.

Color Contrast Check

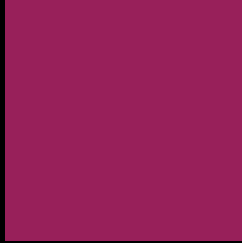
Large Text (above 18pt) WCAG AA ✓ Pass

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, 52.823, 355.710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

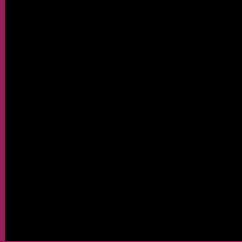
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 52.823, 355.710

Background



This preview shows how black text looks on a background with the CIELCh color 35, 52.823, 355.710.



This preview shows how white text looks on a background with the CIELCh color 35, 52.823, 355.710.

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, 52.823, 355.710

Protanopia

36, 25.015, 285.664

Deuteranopia

35, 4.722, 356.873



Tritanopia
35, 49.950, 28.655

Trichromacy



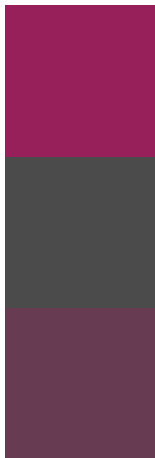
Original Color
35, 52.823, 355.710

Protanomaly
33, 31.990, 320.673

Deuteranomaly
33, 25.427, 350.328

Tritanomaly
35, 49.102, 15.981

Monochromacy



Original Color
35, 52.823, 355.710

Achromatopsia
32, 0.005, 296.813

Achromatomaly
31, 23.260, 347.645

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 52.823, 355.710 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(152, 32, 90)` looks like.

```
.text, #text, p{  
    color:rgb(152, 32, 90)  
}
```

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(152, 32, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 32, 90) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 52.823, 355.710 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(152, 32, 90) }
```

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

```
.border{ border-color:rgb(152, 32, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 32, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 32, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 32, 90);  
box-shadow:4px 4px 4px 4px rgb(152, 32,  
90) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 52.823, 355.710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 32, 90) }
```

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

```
.background{ background-color: rgb(152, 32,  
90) }
```

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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