

Converting Colors

CIELCh(33, 56.116, 352.729)

Have a look what the booklet for
CIELCh(33, 56.116, 352.729)
contains.

CIELCh(33, 56.094, 352.966)	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(33, 56.094, 352.966)

Conversions

Conversions Part 1

Format	Color
Hex	95115A
RGB	149, 17, 90
RGB Percent	58%, 7%, 35%
CMY	0.4155, 0.9329, 0.6469
CMYK	0.00, 0.89, 0.40, 0.42
HSL	327°, 79%, 33%
HSV	327°, 89%, 58%
XYZ	14.4534, 7.5373, 10.3758
YIQ	64.7900, 55.2390, 50.6870

Conversions

Conversions Part 2

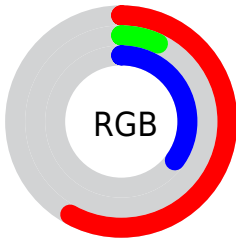
Format	Color
R_{YB}	149, 17, 90
Decimal	9769306
CIE _{Lab}	33.00, 55.67, -6.87
CIE _{LCh}	33, 56.094, 352.966
Yxy	7.5373, 0.4466, 0.2329
Android (android.graphics.Color)	4287959386 (0xFF95115A)
YUV	64.7900, 12.4285, 73.8522
Hunter-Lab	27.4541, 45.9279, -3.1899

Details

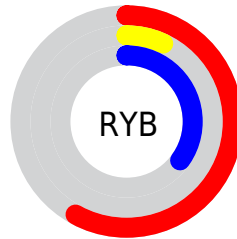
The CIELCh color **33, 56.094, 352.966** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **54, 57.683, 149.422**, and the grayscale version is **27, 0.004, 296.813**.

A 20% lighter version of the original color is **53, 55.886, 352.946**, and **18, 40.672, 0.350** is the 20% darker color. If you saturate the color by 10%, you get **32, 57.451, 355.961**, and if you desaturate by 10%, it is **35, 53.346, 350.489**.

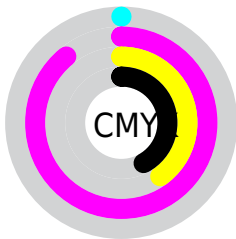
Distribution



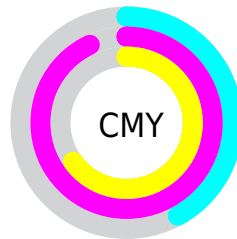
- Red (58%)
- Green (7%)
- Blue (35%)



- Red (58%)
- Yellow (7%)
- Blue (35%)



- Cyan (0%)
- Magenta (89%)
- Yellow (40%)
- Black (42%)





- Cyan (42%)
- Magenta (93%)
- Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 33, 56.094, 352.966 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 33, 56.094, 352.966 by changing the saturation by 10% instead.


 33, 56.094,
352.966


 33, 56.094,
352.966

 100, 56.094,
352.966


 23, 56.094,
352.966

 53, 56.094,
352.966


 13, 56.094,
352.966


 63, 56.094,
352.966

 3, 56.094, 352.966

 73, 56.094,
352.966

 0, 56.094, 352.966

 83, 56.094,
352.966

 93, 56.094,
352.966

■ 33, 56.094,
352.966

■ 33, 56.094,
352.966

■ 32, 57.451,
355.961

■ 35, 53.346,
350.489

■ 32, 57.647,
356.408

■ 37, 48.990,
348.501

■ 39, 43.292,
346.874

■ 43, 36.618,
345.511

■ 46, 29.331,
344.339

■ 50, 21.731,
343.307

■ 54, 14.037,
342.380

■ 58, 6.400, 341.520

Harmonies

Complementary

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



33, 56.094, 352.966



54, 57.683, 149.422

Rectangle

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



33, 56.094, 352.966



33, 56.094, 42.966



33, 56.094, 172.966



33, 56.094, 222.966

Sweetspot

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



33, 56.091, 352.967



65, 25.471, 343.212



24, 79.051, 310.928



32, 17.126, 343.510



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



33, 56.091, 352.967



42, 69.784, 357.216



32, 60.935, 32.448



29, 4.217, 341.577



29, 54.472, 356.129



1, 3.653, 340.909

Inverse Universe

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



33, 56.091, 352.967



42, 69.784, 357.216



56, 34.426, 187.749



29, 4.217, 341.577



29, 54.472, 356.129



1, 3.653, 340.909

Previews

White Background



This preview shows how the CIE LCh color 33, 56.094, 352.966 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 33, 56.094, 352.966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

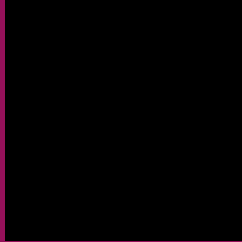
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 33, 56.094, 352.966

Background



This preview shows how black text looks on a background with the CIELCh color 33, 56.094, 352.966.



This preview shows how white text looks on a background with the CIELCh color 33, 56.094, 352.966.

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

33, 56.094, 352.966

Protanopia

34, 30.897, 285.418

Deuteranopia

34, 5.597, 328.520



Tritanopia
33, 51.806, 29.934

Trichromacy



Original Color
33, 56.094, 352.966

Protanomaly
30, 38.927, 315.816

Deuteranomaly
31, 29.019, 343.604

Tritanomaly
33, 50.950, 15.660

Monochromacy



Original Color
33, 56.094, 352.966

Achromatopsia
28, 0.004, 296.813

Achromatomaly
27, 26.152, 346.048

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 33, 56.094, 352.966 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(149, 17, 90)` looks like.

```
.text, #text, p{  
    color:rgb(149, 17, 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(149, 17, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 17, 90) }
```

Border

The CSS property to change the border of an element to CIELCh 33, 56.094, 352.966 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(149, 17, 90) }
```

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

```
.border{ border-color:rgb(149, 17, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 17, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 17, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 17, 90);  
box-shadow:4px 4px 4px 4px rgb(149, 17,  
90) }
```

Background

The CSS property to change the background color of an element to CIELCh 33, 56.094, 352.966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 17, 90) }
```

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

```
.background{ background-color: rgb(149, 17,  
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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