

Converting Colors

CIELCh(35, 53.298, 17.127)

Have a look what the booklet for
CIELCh(35, 53.298, 17.127) contains.

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Color

CIELCh(35, 53.298, 17.127)

Conversions

Conversions Part 1

Format	Color
Hex	9C213C
RGB	156, 33, 60
RGB Percent	61%, 13%, 24%
CMY	0.3879, 0.8701, 0.7644
CMYK	0.00, 0.79, 0.62, 0.39
HSL	347°, 65%, 37%
HSV	347°, 79%, 61%
XYZ	15.0936, 8.4984, 5.1300
YIQ	72.8550, 64.6410, 34.4730

Conversions

Conversions Part 2

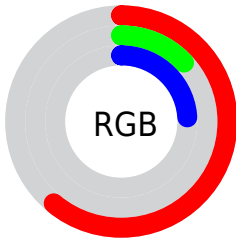
Format	Color
R_{YB}	156, 33, 60
Decimal	10232124
CIE Lab	35.00, 50.93, 15.70
CIE LCh	35, 53.298, 17.127
Yxy	8.4984, 0.5255, 0.2959
Android (android.graphics.Color)	4288422204 (0xFF9C213C)
YUV	72.8550, -6.3375, 72.9182
Hunter-Lab	29.1520, 41.4031, 9.9729

Details

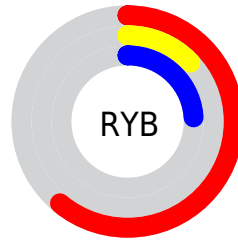
The CIELCh color **35, 53.298, 17.127** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **58, 39.327, 172.887**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 53.289, 17.271**, and **19, 45.129, 26.836** is the 20% darker color. If you saturate the color by 10%, you get **33, 58.289, 21.609**, and if you desaturate by 10%, it is **37, 47.435, 13.476**.

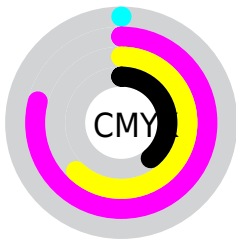
Distribution



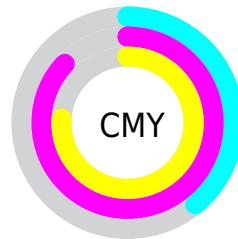
- Red (61%)
- Green (13%)
- Blue (24%)



- Red (61%)
- Yellow (13%)
- Blue (24%)



- Cyan (0%)
- Magenta (79%)
- Yellow (62%)
- Black (39%)



- Cyan (39%)
- Magenta (87%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 35, 53.298, 17.127 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, 53.298, 17.127 by changing the saturation by 10% instead.

■ 35, 53.298, 17.127

■ 35, 53.298, 17.127

■ 100, 53.298,
17.127

■ 25, 53.298, 17.127

■ 55, 53.298, 17.127

■ 15, 53.298, 17.127

■ 65, 53.298, 17.127

■ 5, 53.298, 17.127

■ 75, 53.298, 17.127

■ 0, 53.298, 17.127

■ 85, 53.298, 17.127

■ 95, 53.298, 17.127

■ 35, 53.298, 17.127

■ 35, 53.298, 17.127

■ 33, 58.289, 21.609

■ 37, 47.435, 13.476

32, 62.662, 26.614

40, 40.853, 10.567

32, 63.218, 27.182

44, 33.809, 8.258

48, 26.580, 6.405

52, 19.387, 4.892

56, 12.382, 3.629

60, 5.653, 2.532

65, 0.759, 182.250

70, 6.843, 180.967

Harmonies

Complementary

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



35, 53.298, 17.127



58, 39.327, 172.887

Rectangle

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



35, 53.298, 17.127



35, 53.298, 67.127



35, 53.298, 197.127



35, 53.298, 247.127

Sweetspot

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



35, 53.295, 17.129



69, 19.925, 4.322



34, 73.545, 320.302



34, 13.751, 4.756



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, 53.295, 17.129



43, 75.285, 25.771



40, 51.686, 46.358



31, 3.681, 2.582



29, 59.019, 26.707



1, 4.690, 2.647

Inverse Universe

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



35, 53.295, 17.129



43, 75.285, 25.771



48, 28.806, 240.291



31, 3.681, 2.582



29, 59.019, 26.707



1, 4.690, 2.647

Previews

White Background



This preview shows how the CIELCh color 35, 53.298, 17.127 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, 53.298, 17.127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

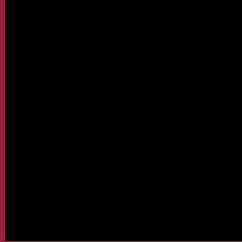
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 53.298, 17.127

Background



This preview shows how black text looks on a background with the CIELCh color 35, 53.298, 17.127.



This preview shows how white text looks on a background with the CIELCh color 35, 53.298, 17.127.

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, 53.298, 17.127

Protanopia

36, 1.431, 45.031

Deuteranopia

36, 19.270, 75.230



Tritanopia
35, 55.877, 31.221

Trichromacy



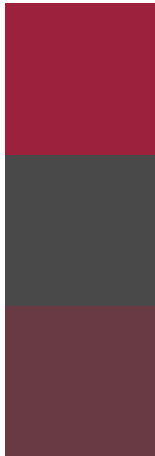
Original Color
35, 53.298, 17.127

Protanomaly
33, 21.446, 8.399

Deuteranomaly
34, 28.929, 32.580

Tritanomaly
35, 54.379, 26.016

Monochromacy



Original Color
35, 53.298, 17.127

Achromatopsia
31, 0.005, 296.813

Achromatomaly
30, 21.393, 6.715

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 53.298, 17.127 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(156, 33, 60)` looks like.

```
.text, #text, p{  
    color:rgb(156, 33, 60)  
}
```

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(156, 33, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 33, 60) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 53.298, 17.127 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(156, 33, 60) }
```

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

```
.border{ border-color:rgb(156, 33, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 33, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 33, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 33, 60);  
box-shadow:4px 4px 4px 4px rgb(156, 33,  
60) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 53.298, 17.127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 33, 60) }
```

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

```
.background{ background-color: rgb(156, 33,  
60) }
```

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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