

Converting Colors

CIELCh(38, 56.560, 15.459)

Have a look what the booklet for
CIELCh(38, 56.560, 15.459) contains.

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Color

CIELCh(38, 56.434, 15.558)

Conversions

Conversions Part 1

Format	Color
Hex	A92444
RGB	169, 36, 68
RGB Percent	66%, 14%, 27%
CMY	0.3378, 0.8594, 0.7337
CMYK	0.00, 0.79, 0.60, 0.34
HSL	346°, 65%, 40%
HSV	346°, 79%, 66%
XYZ	17.9987, 10.0881, 6.4507
YIQ	79.4150, 68.9960, 38.1480

Conversions

Conversions Part 2

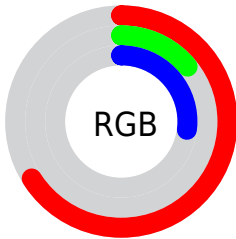
Format	Color
R _Y B	169, 36, 68
Decimal	11084868
CIE Lab	38.00, 54.37, 15.14
CIE LCh	38, 56.434, 15.558
Yxy	10.0881, 0.5211, 0.2921
Android (android.graphics.Color)	4289274948 (0xFFA92444)
YUV	79.4150, -5.6276, 78.5660
Hunter-Lab	31.7617, 45.5692, 10.1917

Details

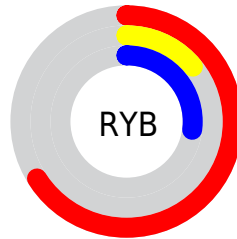
The CIELCh color **38, 56.434, 15.558** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **62, 42.766, 170.931**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **58, 56.603, 15.510**, and **22, 47.897, 23.655** is the 20% darker color. If you saturate the color by 10%, you get **36, 61.458, 20.078**, and if you desaturate by 10%, it is **40, 50.412, 11.896**.

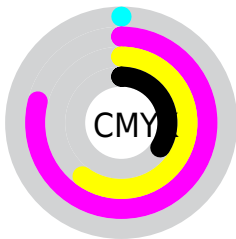
Distribution



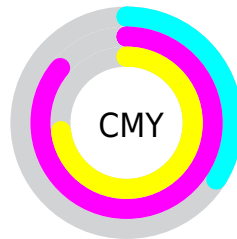
- Red (66%)
- Green (14%)
- Blue (27%)



- Red (66%)
- Yellow (14%)
- Blue (27%)



- Cyan (0%)
- Magenta (79%)
- Yellow (60%)
- Black (34%)



- Cyan (34%)
- Magenta (86%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 38, 56.434, 15.558 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 38, 56.434, 15.558 by changing the saturation by 10% instead.

 38, 56.434, 15.558

 38, 56.434, 15.558

 100, 56.434,
15.558

 28, 56.434, 15.558

 58, 56.434, 15.558

 18, 56.434, 15.558

 68, 56.434, 15.558

 8, 56.434, 15.558

 78, 56.434, 15.558

 0, 56.434, 15.558


 88, 56.434, 15.558

 98, 56.434, 15.558

 38, 56.434, 15.558

 38, 56.434, 15.558

 36, 61.458, 20.078

 40, 50.412, 11.896

35, 65.753, 25.212

44, 43.548, 8.986

35, 66.305, 25.814

47, 36.128, 6.678

51, 28.458, 4.824

56, 20.788, 3.306

60, 13.291, 2.036

65, 6.069, 0.929

70, 0.829, 180.610

75, 7.387, 179.334

Harmonies

Complementary

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



38, 56.434, 15.558



62, 42.766, 170.931

Rectangle

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



38, 56.434, 15.558



38, 56.434, 65.558



38, 56.434, 195.558



38, 56.434, 245.558

Sweetspot

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



38, 56.431, 15.560



73, 21.276, 2.730



37, 78.278, 319.774



37, 14.691, 3.180



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



38, 56.431, 15.560



47, 78.741, 24.226



42, 55.612, 45.250



33, 3.912, 0.985



30, 59.867, 25.135



1, 6.890, 2.689

Inverse Universe

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



38, 56.431, 15.560



47, 78.741, 24.226



53, 30.340, 237.460



33, 3.912, 0.985



30, 59.867, 25.135



1, 6.890, 2.689

Previews

White Background



This preview shows how the CIELCh color 38, 56.434, 15.558 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 × Fail

Black Background



This preview shows how the CIE LCh color 38, 56.434, 15.558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

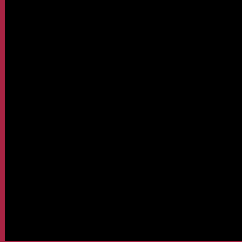
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 38, 56.434, 15.558

Background



This preview shows how black text looks on a background with the CIELCh color 38, 56.434, 15.558.



This preview shows how white text looks on a background with the CIELCh color 38, 56.434, 15.558.

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

38, 56.434, 15.558

Protanopia

39, 2.037, 314.744

Deuteranopia

39, 19.238, 74.380



Tritanopia
38, 59.310, 31.260

Trichromacy



Original Color
38, 56.434, 15.558

Protanomaly
36, 23.394, 2.223

Deuteranomaly
37, 30.249, 28.861

Tritanomaly
38, 57.598, 25.887

Monochromacy



Original Color
38, 56.434, 15.558

Achromatopsia
34, 0.005, 296.813

Achromatomaly
33, 23.056, 5.103

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 56.434, 15.558 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(169, 36, 68)` looks like.

```
.text, #text, p{  
    color:rgb(169, 36, 68)  
}
```

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(169, 36, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 36, 68) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 56.434, 15.558 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(169, 36, 68) }
```

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

```
.border{ border-color:rgb(169, 36, 68) }
```

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

Here you see how a box with a 4 pixel rgb(169, 36, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 36, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 36, 68);  
box-shadow:4px 4px 4px 4px rgb(169, 36,  
68) }
```

Background

The CSS property to change the background color of an element to CIELCh 38, 56.434, 15.558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 36, 68) }
```

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

```
.background{ background-color: rgb(169, 36,  
68) }
```

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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