

Converting Colors

CIELCh(38, 61.960, 356.252)

Have a look what the booklet for
CIELCh(38, 61.960, 356.252)
contains.

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Color

CIELCh(38, 61.960, 356.252)

Conversions

Conversions Part 1

Format	Color
Hex	AC1262
RGB	172, 18, 98
RGB Percent	67%, 7%, 38%
CMY	0.3254, 0.9292, 0.6156
CMYK	0.00, 0.90, 0.43, 0.33
HSL	329°, 81%, 37%
HSV	329°, 90%, 67%
XYZ	19.4386, 10.0881, 12.4810
YIQ	73.1660, 66.1040, 57.5280

Conversions

Conversions Part 2

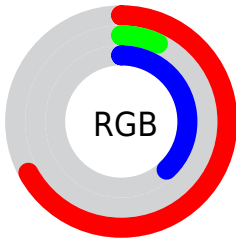
Format	Color
RYB	172, 18, 98
Decimal	11276898
CIELab	38.00, 61.83, -4.05
CIELCh	38, 61.960, 356.252
Yxy	10.0881, 0.4627, 0.2401
Android (android.graphics.Color)	4289466978 (0xFFAC1262)
YUV	73.1660, 12.2432, 86.6774
Hunter-Lab	31.7617, 53.6616, -1.0652

Details

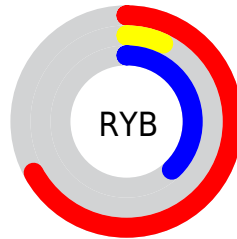
The CIELCh color **38, 61.960, 356.252** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **62, 62.991, 150.579**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **58, 62.032, 356.042**, and **23, 46.665, 4.011** is the 20% darker color. If you saturate the color by 10%, you get **37, 63.294, 359.762**, and if you desaturate by 10%, it is **40, 59.153, 353.356**.

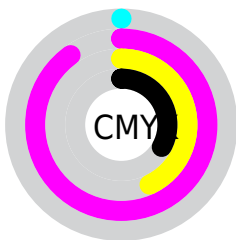
Distribution



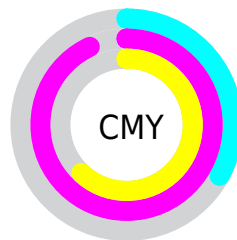
- Red (67%)
- Green (7%)
- Blue (38%)



- Red (67%)
- Yellow (7%)
- Blue (38%)



- Cyan (0%)
- Magenta (90%)
- Yellow (43%)
- Black (33%)





- Cyan (33%)
- Magenta (93%)
- Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 38, 61.960, 356.252 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, 61.960, 356.252 by changing the saturation by 10% instead.


 38, 61.960,
356.252


 38, 61.960,
356.252

 100, 61.960,
356.252


 28, 61.960,
356.252

 58, 61.960,
356.252


 18, 61.960,
356.252


 68, 61.960,
356.252

 8, 61.960, 356.252

 78, 61.960,
356.252

 0, 61.960, 356.252

 88, 61.960,
356.252

 98, 61.960,
356.252

■ 38, 61.960,
356.252

■ 38, 61.960,
356.252

■ 37, 63.294,
359.762

■ 40, 59.153,
353.356

■ 37, 63.360,
359.938

■ 42, 54.551,
351.054

■ 45, 48.407,
349.199

■ 49, 41.126,
347.670

■ 52, 33.125,
346.375

■ 57, 24.753,
345.252

■ 61, 16.270,
344.256

■ 66, 7.851, 343.346

Harmonies

Complementary

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



38, 61.960, 356.252



62, 62.991, 150.579

Rectangle

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



38, 61.960, 356.252



38, 61.960, 46.252



38, 61.960, 176.252



38, 61.960, 226.252

Sweetspot

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



38, 61.957, 356.253



74, 28.096, 345.042



28, 88.569, 311.638



37, 18.928, 345.386



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



38, 61.957, 356.253



48, 77.128, 0.742



36, 70.445, 35.191



34, 4.704, 343.328



32, 57.482, 359.460



2, 9.241, 347.761

Inverse Universe

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



38, 61.957, 356.253



48, 77.128, 0.742



64, 37.455, 191.905



34, 4.704, 343.328



32, 57.482, 359.460



2, 9.241, 347.761

Previews

White Background



This preview shows how the CIELCh color 38, 61.960, 356.252 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 CIELCh color 38, 61.960, 356.252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

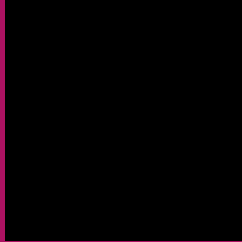
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 38, 61.960, 356.252

Background



This preview shows how black text looks on a background with the CIELCh color 38, 61.960, 356.252.



This preview shows how white text looks on a background with the CIELCh color 38, 61.960, 356.252.

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, 61.960, 356.252

Protanopia

39, 30.189, 285.020

Deuteranopia

39, 5.461, 0.547



Tritanopia
38, 59.945, 31.041

Trichromacy



Original Color
38, 61.960, 356.252

Protanomaly
35, 40.412, 319.765

Deuteranomaly
36, 31.778, 349.208

Tritanomaly
38, 58.091, 18.125

Monochromacy



Original Color
38, 61.960, 356.252

Achromatopsia
31, 0.005, 296.813

Achromatomaly
30, 29.364, 347.721

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 61.960, 356.252 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(172, 18, 98)` looks like.

```
.text, #text, p{  
  color:rgb(172, 18, 98)  
}
```

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(172, 18, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 18, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 61.960, 356.252 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(172, 18, 98) }
```

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

```
.border{ border-color:rgb(172, 18, 98) }
```

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

Here you see how a box with a 4 pixel rgb(172, 18, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 18, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 18, 98);  
box-shadow:4px 4px 4px 4px rgb(172, 18,  
98) }
```

Background

The CSS property to change the background color of an element to CIELCh 38, 61.960, 356.252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 18, 98) }
```

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

```
.background{ background-color: rgb(172, 18,  
98) }
```

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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