

Converting Colors

CIELCh(64, 38.551, 108.223)

Have a look what the booklet for
CIELCh(64, 38.551, 108.223)
contains.

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Color

CIELCh(64, 38.901, 108.526)

Conversions

Conversions Part 1

Format	Color
Hex	9CA058
RGB	156, 160, 88
RGB Percent	61%, 63%, 35%
CMY	0.3892, 0.3735, 0.6558
CMYK	0.03, 0.00, 0.45, 0.37
HSL	63°, 29%, 49%
HSV	63°, 45%, 63%
XYZ	27.9432, 32.8017, 14.0419
YIQ	150.5960, 20.7280, -23.2400

Conversions

Conversions Part 2

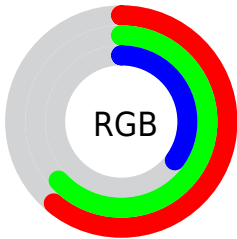
Format	Color
RYB	88, 160, 92
Decimal	10264664
CIELab	64.00, -12.36, 36.89
CIELCh	64, 38.901, 108.526
Yxy	32.8017, 0.3736, 0.4386
Android (android.graphics.Color)	4288454744 (0xFF9CA058)
YUV	150.5960, -30.8598, 4.7393
Hunter-Lab	57.2727, -13.1378, 25.5544

Details

The CIELCh color **64, 38.901, 108.526** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **41, 43.714, 297.864**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 39.237, 108.539**, and **44, 39.298, 108.759** is the 20% darker color. If you saturate the color by 10%, you get **64, 46.749, 107.768**, and if you desaturate by 10%, it is **64, 30.602, 109.352**.

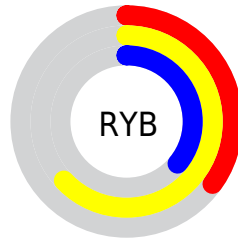
Distribution



Red (61%)

Green (63%)

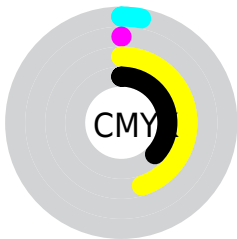
Blue (35%)



Red (35%)

Yellow (63%)

Blue (36%)

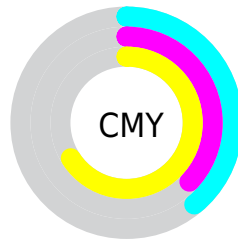


Cyan (3%)

Magenta (0%)

Yellow (45%)

Black (37%)



Cyan (39%)

Magenta (37%)


Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 38.901, 108.526 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 64, 38.901, 108.526 by changing the saturation by 10% instead.

 64, 38.901,
108.526

 64, 38.901,
108.526


 100, 38.901,
108.526


 54, 38.901,
108.526


 84, 38.901,
108.526

 44, 38.901,
108.526

 94, 38.901,
108.526

 34, 38.901,
108.526

 24, 38.901,
108.526

 14, 38.901,
108.526

 4, 38.901, 108.526

 0, 38.901, 108.526

■ 64, 38.901,
108.526

■ 64, 38.901,
108.526

■ 64, 46.749,
107.768

■ 64, 30.602,
109.352

■ 64, 53.884,
107.110

■ 65, 22.026,
110.208

■ 63, 59.955,
106.603

■ 65, 13.290,
111.075

■ 63, 64.556,
106.300

■ 66, 4.470, 111.932

■ 63, 67.396,
106.238

■ 66, 4.385, 292.794

■ 63, 68.480,
106.249

■ 67, 13.241,
293.607

■ 67, 22.072,
294.393

■ 68, 30.862,
295.143

■ 69, 39.598,
295.855

Harmonies

Complementary

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



64, 38.901, 108.526



41, 43.714, 297.864

Rectangle

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



64, 38.901, 108.526



64, 38.901, 158.526



64, 38.901, 288.526



64, 38.901, 338.526

Sweetspot

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



64, 38.902, 108.529



82, 15.234, 111.144



47, 31.041, 27.402



44, 10.595, 110.967



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



64, 38.902, 108.529



80, 56.524, 107.772



61, 42.512, 128.750



33, 4.953, 111.577



57, 63.076, 106.217



4, 6.515, 112.865

Inverse Universe

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



41, 43.714, 297.864



46, 65.812, 299.592



44, 44.972, 312.876



31, 5.060, 293.216



16, 86.580, 306.511



0, 6.513, 292.257

Previews

White Background



This preview shows how the CIELCh color 64, 38.901, 108.526 looks on a white 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

Black Background



This preview shows how the CIELCh color 64, 38.901, 108.526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

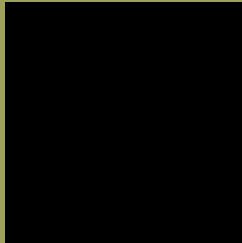
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 38.901, 108.526

Background



This preview shows how black text looks on a background with the CIELCh color 64, 38.901, 108.526.



This preview shows how white text looks on a background with the CIELCh color 64, 38.901, 108.526.

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
64, 38.901, 108.526

Protanopia
64, 38.143, 95.991

Deuteranopia
64, 36.564, 77.396



Tritanopia
64, 8.360, 326.997

Trichromacy



Original Color
64, 38.901, 108.526

Protanomaly
64, 38.122, 100.710

Deuteranomaly
64, 35.747, 89.052

Tritanomaly
64, 10.382, 93.292

Monochromacy



Original Color
64, 38.901, 108.526

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 15.017, 111.634

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 38.901, 108.526 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, 160, 88)` looks like.

```
.text, #text, p{  
    color:rgb(156, 160, 88)  
}
```

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, 160, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 160, 88) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 38.901, 108.526 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, 160, 88) }
```

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

```
.border{ border-color:rgb(156, 160, 88) }
```

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

Here you see how a box with a 4 pixel rgb(156, 160, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 160, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 160, 88);  
box-shadow:4px 4px 4px 4px rgb(156, 160,  
88) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 38.901, 108.526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 160, 88) }
```

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

```
.background{ background-color: rgb(156,  
160, 88) }
```

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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