

Converting Colors

CIELCh(52, 30.754, 349.648)

Have a look what the booklet for
CIELCh(52, 30.754, 349.648)
contains.

CIELCh(52, 30.788, 349.672)	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(52, 30.788, 349.672)

Conversions

Conversions Part 1

Format	Color
Hex	A96886
RGB	169, 104, 134
RGB Percent	66%, 41%, 53%
CMY	0.3362, 0.5912, 0.4735
CMYK	0.00, 0.38, 0.21, 0.34
HSL	332°, 27%, 54%
HSV	332°, 38%, 66%
XYZ	25.7169, 20.1443, 25.1798
YIQ	126.8550, 29.1100, 23.1100

Conversions

Conversions Part 2

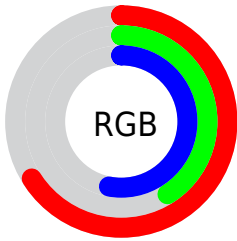
Format	Color
RYB	169, 104, 134
Decimal	11102342
CIELab	52.00, 30.29, -5.52
CIELCh	52, 30.788, 349.672
Yxy	20.1443, 0.3620, 0.2836
Android (android.graphics.Color)	4289292422 (0xFFA96886)
YUV	126.8550, 3.5225, 36.9612
Hunter-Lab	44.8824, 23.7333, -1.8450

Details

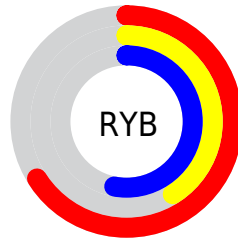
The CIELCh color $52, 30.788, 349.672$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $64, 29.125, 162.024$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 30.735, 349.525$, and $32, 30.562, 349.995$ is the 20% darker color. If you saturate the color by 10%, you get $48, 38.584, 351.085$, and if you desaturate by 10%, it is $56, 22.711, 348.464$.

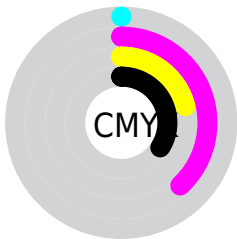
Distribution



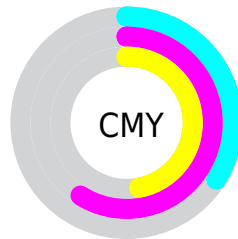
- Red (66%)
- Green (41%)
- Blue (53%)



- Red (66%)
- Yellow (41%)
- Blue (53%)



- Cyan (0%)
- Magenta (38%)
- Yellow (21%)
- Black (34%)





- Cyan (34%)
- Magenta (59%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 30.788, 349.672 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 52, 30.788, 349.672 by changing the saturation by 10% instead.


 52, 30.788,
349.672


 52, 30.788,
349.672


 100, 30.788,
349.672


 42, 30.788,
349.672


 72, 30.788,
349.672

 32, 30.788,
349.672

 82, 30.788,
349.672

 22, 30.788,
349.672

 92, 30.788,
349.672

 12, 30.788,
349.672

 2, 30.788, 349.672

 0, 30.788, 349.672

■ 52, 30.788,
349.672

■ 52, 30.788,
349.672

■ 48, 38.584,
351.085

■ 56, 22.711,
348.464

■ 44, 45.785,
352.774

■ 61, 14.594,
347.404

■ 41, 51.999,
354.845

■ 65, 6.587, 346.440

■ 39, 56.839,
357.436

■ 70, 1.219, 165.962

■ 75, 8.775, 164.939

■ 37, 60.047, 0.712


■ 80, 16.062,
164.224

■ 36, 61.844, 4.720

■ 85, 23.078,
163.578

■ 36, 62.126, 5.369

■ 89, 29.835,
162.983

 94, 35.455,
163.041

Harmonies

Complementary

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



52, 30.788, 349.672



64, 29.125, 162.024

Rectangle

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



52, 30.788, 349.672



52, 30.788, 39.672



52, 30.788, 169.672



52, 30.788, 219.672

Sweetspot

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



52, 30.786, 349.673



81, 11.658, 346.800



50, 39.950, 312.029



42, 7.733, 346.917



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



52, 30.786, 349.673



62, 45.330, 350.844



52, 27.499, 25.321



33, 4.416, 346.523



31, 56.277, 4.804



2, 7.634, 349.589

Inverse Universe

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



52, 30.786, 349.673



62, 45.330, 350.844



65, 20.959, 200.994



33, 4.416, 346.523



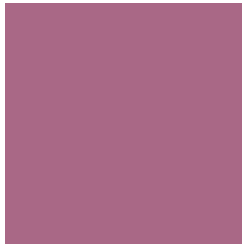
31, 56.277, 4.804



2, 7.634, 349.589

Previews

White Background



This preview shows how the CIELCh color 52, 30.788, 349.672 looks on a white background.

Color Contrast Check

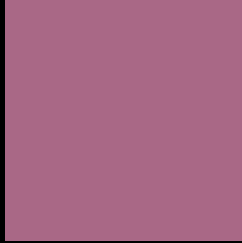
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 52, 30.788, 349.672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

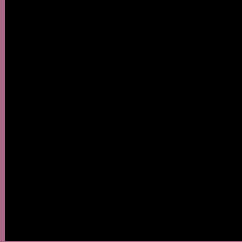
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 30.788, 349.672

Background



This preview shows how black text looks on a background with the CIELCh color 52, 30.788, 349.672.



This preview shows how white text looks on a background with the CIELCh color 52, 30.788, 349.672.

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

52, 30.788, 349.672

Protanopia

52, 13.384, 287.121

Deuteranopia

52, 7.534, 329.887



Tritanopia
52, 25.187, 12.214

Trichromacy



Original Color
52, 30.788, 349.672

Protanomaly
52, 17.391, 320.982

Deuteranomaly
52, 15.804, 342.848

Tritanomaly
52, 26.599, 2.846

Monochromacy



Original Color
52, 30.788, 349.672

Achromatopsia
53, 0.007, 296.813

Achromatomaly
52, 11.212, 346.195

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 30.788, 349.672 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, 104, 134)` looks like.

```
.text, #text, p{  
    color:rgb(169, 104, 134)  
}
```

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, 104, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 104, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 30.788, 349.672 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, 104, 134) }
```

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

```
.border{ border-color:rgb(169, 104, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 104, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 104, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 104, 134);  
box-shadow:4px 4px 4px 4px rgb(169, 104,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 30.788, 349.672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 104, 134) }
```

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

```
.background{ background-color: rgb(169,  
104, 134) }
```

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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