

Converting Colors

CIELCh(52, 22.549, 39.330)

Have a look what the booklet for
CIELCh(52, 22.549, 39.330) contains.

CIELCh(52, 22.943, 39.043)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(52, 22.943, 39.043)

Conversions

Conversions Part 1

Format	Color
Hex	A17064
RGB	161, 112, 100
RGB Percent	63%, 44%, 39%
CMY	0.3679, 0.5601, 0.6072
CMYK	0.00, 0.30, 0.38, 0.37
HSL	12°, 25%, 51%
HSV	12°, 38%, 63%
XYZ	22.8552, 20.1443, 14.7814
YIQ	125.2830, 33.0560, 6.6560

Conversions

Conversions Part 2

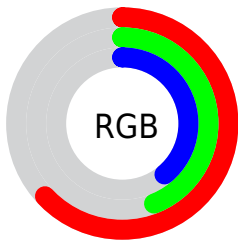
Format	Color
R_{YB}	161, 115, 100
Decimal	10580068
CIE Lab	52.00, 17.82, 14.45
CIE LCh	52, 22.943, 39.043
Yxy	20.1443, 0.3955, 0.3486
Android (android.graphics.Color)	4288770148 (0xFFA17064)
YUV	125.2830, -12.4645, 31.3238
Hunter-Lab	44.8824, 12.3523, 11.8913

Details

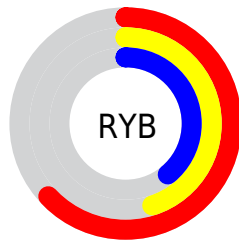
The CIELCh color **52, 22.943, 39.043** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **59, 17.582, 221.017**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 22.832, 38.924**, and **32, 23.200, 39.756** is the 20% darker color. If you saturate the color by 10%, you get **49, 30.190, 39.418**, and if you desaturate by 10%, it is **56, 16.204, 38.865**.

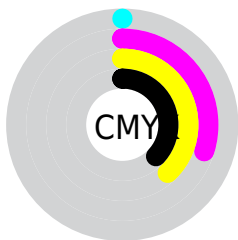
Distribution



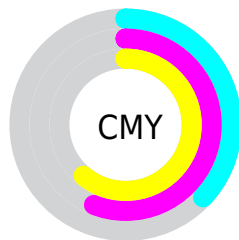
- Red (63%)
- Green (44%)
- Blue (39%)



- Red (63%)
- Yellow (45%)
- Blue (39%)



- Cyan (0%)
- Magenta (30%)
- Yellow (38%)
- Black (37%)



- Cyan (37%)
- Magenta (56%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 22.943, 39.043 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, 22.943, 39.043 by changing the saturation by 10% instead.

■ 52, 22.943, 39.043

■ 52, 22.943, 39.043

■ 100, 22.943,
39.043

■ 42, 22.943, 39.043

■ 72, 22.943, 39.043

■ 32, 22.943, 39.043

■ 82, 22.943, 39.043

■ 22, 22.943, 39.043

■ 92, 22.943, 39.043

■ 12, 22.943, 39.043

■ 2, 22.943, 39.043

■ 0, 22.943, 39.043

■ 52, 22.943, 39.043

■ 52, 22.943, 39.043

■ 49, 30.190, 39.418

■ 56, 16.204, 38.865

■ 45, 37.914, 40.008

■ 59, 9.970, 38.825

42, 46.013, 40.827

63, 4.213, 38.858

40, 54.252, 41.816

67, 1.107, 219.574

37, 62.105, 42.744

71, 6.034, 219.486

36, 68.789, 43.339

75, 10.610,
219.755

35, 70.228, 43.624

79, 14.877,
220.078

83, 18.873,
220.429

87, 22.631,
220.795

Harmonies

Complementary

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



52, 22.943, 39.043



59, 17.582, 221.017

Rectangle

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



52, 22.943, 39.043



52, 22.943, 89.043



52, 22.943, 219.043



52, 22.943, 269.043

Sweetspot

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



52, 22.942, 39.049



79, 7.390, 38.848



51, 36.581, 332.322



41, 4.980, 38.843



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



52, 22.942, 39.049



63, 34.810, 39.327



60, 24.913, 87.645



32, 3.082, 38.856



32, 64.646, 43.601



2, 4.690, 36.982

Inverse Universe

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



59, 17.582, 221.017



73, 24.934, 221.815



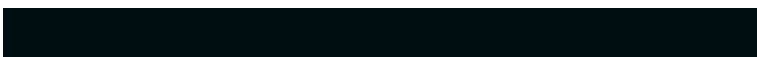
50, 24.929, 278.469



34, 2.912, 219.446



45, 28.813, 234.059



3, 4.539, 224.752

Previews

White Background



This preview shows how the CIELCh color 52, 22.943, 39.043 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, 22.943, 39.043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

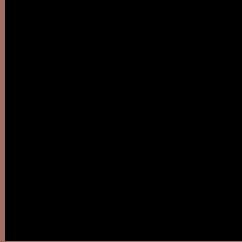
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 22.943, 39.043

Background



This preview shows how black text looks on a background with the CIELCh color 52, 22.943, 39.043.



This preview shows how white text looks on a background with the CIELCh color 52, 22.943, 39.043.

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, 22.943, 39.043

Protanopia

52, 10.806, 92.900

Deuteranopia

52, 16.385, 64.623



Tritanopia
52, 22.599, 10.603

Trichromacy



Original Color
52, 22.943, 39.043

Protanomaly
52, 13.345, 63.625

Deuteranomaly
52, 18.445, 54.628

Tritanomaly
52, 21.774, 20.532

Monochromacy



Original Color
52, 22.943, 39.043

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 7.844, 37.226

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 22.943, 39.043 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(161, 112, 100)` looks like.

```
.text, #text, p{  
    color:rgb(161, 112, 100)  
}
```

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(161, 112, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 112, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 22.943, 39.043 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(161, 112, 100) }
```

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

```
.border{ border-color:rgb(161, 112, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 112, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 112, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 112, 100);  
box-shadow:4px 4px 4px 4px rgb(161, 112,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 22.943, 39.043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 112, 100) }
```

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

```
.background{ background-color: rgb(161,  
112, 100) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor