

Converting Colors

CIELCh(52, 22.930, 336.676)

Have a look what the booklet for
CIELCh(52, 22.930, 336.676)
contains.

CIELCh(52, 22.741, 336.889)	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, 22.741, 336.889)

Conversions

Conversions Part 1

Format	Color
Hex	99708C
RGB	153, 112, 140
RGB Percent	60%, 44%, 55%
CMY	0.4013, 0.5620, 0.4522
CMYK	0.00, 0.27, 0.09, 0.40
HSL	319°, 17%, 52%
HSV	319°, 27%, 60%
XYZ	23.5450, 20.1443, 27.3346
YIQ	127.4510, 15.4480, 17.4000

Conversions

Conversions Part 2

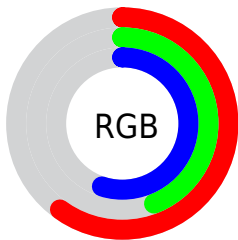
Format	Color
R_{YB}	153, 112, 140
Decimal	10055820
CIE _{Lab}	52.00, 20.92, -8.93
CIE _{LCh}	52, 22.741, 336.889
Yxy	20.1443, 0.3315, 0.2836
Android (android.graphics.Color)	4288245900 (0xFF99708C)
YUV	127.4510, 6.1867, 22.4065
Hunter-Lab	44.8824, 15.0954, -4.6915

Details

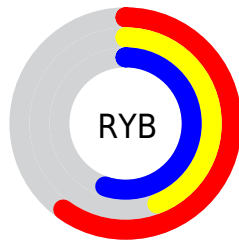
The CIELCh color $52, 22.741, 336.889$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $60, 22.487, 152.897$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 23.011, 336.538$, and $32, 22.373, 336.687$ is the 20% darker color. If you saturate the color by 10%, you get $48, 31.131, 337.703$, and if you desaturate by 10%, it is $56, 14.220, 336.129$.

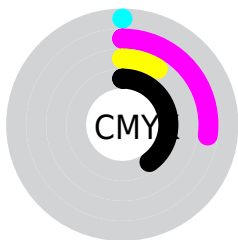
Distribution



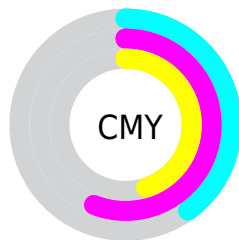
- Red (60%)
- Green (44%)
- Blue (55%)



- Red (60%)
- Yellow (44%)
- Blue (55%)



- Cyan (0%)
- Magenta (27%)
- Yellow (9%)
- Black (40%)



- Cyan (40%)
- Magenta (56%)
- Yellow (45%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 22.741, 336.889 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, 22.741, 336.889 by changing the saturation by 10% instead.

 52, 22.741,
336.889

 52, 22.741,
336.889

 100, 22.741,
336.889


 42, 22.741,
336.889

 72, 22.741,
336.889

 32, 22.741,
336.889

 82, 22.741,
336.889

 22, 22.741,
336.889

 92, 22.741,
336.889

 12, 22.741,
336.889

 2, 22.741, 336.889

 0, 22.741, 336.889

52, 22.741,
336.889

52, 22.741,
336.889

48, 31.131,
337.703

56, 14.220,
336.129

45, 39.163,
338.584

60, 5.736, 335.394

41, 46.521,
339.555

64, 2.611, 154.888

69, 10.758,
154.182

39, 52.826,
340.649

73, 18.676,
153.584

36, 57.683,
341.915

78, 26.351,
153.027

35, 60.780,
343.420


82, 33.784,
152.505

34, 62.129,
345.221

86, 40.985,
152.014

33, 62.456,

345.809

 91, 47.963,
151.553

Harmonies

Complementary

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



52, 22.741, 336.889



60, 22.487, 152.897

Rectangle

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



52, 22.741, 336.889



52, 22.741, 26.889



52, 22.741, 156.889



52, 22.741, 206.889

Sweetspot

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



52, 22.739, 336.890



76, 8.329, 335.492



50, 24.597, 304.112



39, 5.910, 335.596



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



52, 22.739, 336.890



64, 33.610, 337.354



51, 17.532, 7.320



30, 4.755, 335.571



30, 58.788, 345.636



1, 5.060, 335.457

Inverse Universe

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



52, 22.739, 336.890



64, 33.610, 337.354



60, 15.652, 182.174



30, 4.755, 335.571



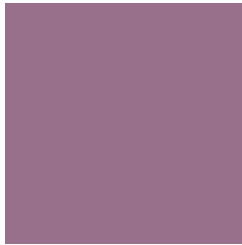
30, 58.788, 345.636



1, 5.060, 335.457

Previews

White Background



This preview shows how the CIELCh color 52, 22.741, 336.889 looks on a white background.

Color Contrast Check

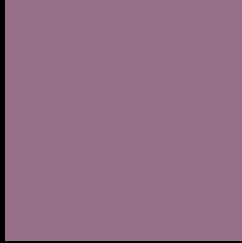
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 52, 22.741, 336.889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

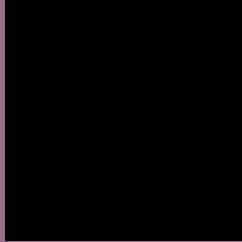
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 22.741, 336.889

Background



This preview shows how black text looks on a background with the CIELCh color 52, 22.741, 336.889.



This preview shows how white text looks on a background with the CIELCh color 52, 22.741, 336.889.

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, 22.741, 336.889

Protanopia

52, 13.987, 285.919

Deuteranopia

52, 10.521, 310.605



Tritanopia
52, 15.481, 4.008

Trichromacy



Original Color
52, 22.741, 336.889

Protanomaly
52, 15.309, 309.159

Deuteranomaly
52, 14.512, 323.906

Tritanomaly
52, 17.587, 352.166

Monochromacy



Original Color
52, 22.741, 336.889

Achromatopsia
53, 0.007, 296.813

Achromatomaly
52, 8.748, 333.650

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 22.741, 336.889 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(153, 112, 140)` looks like.

```
.text, #text, p{  
    color:rgb(153, 112, 140)  
}
```

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(153, 112, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 112, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 22.741, 336.889 is called "border". The border property can be set on classes, ids or directly on the HTML element.

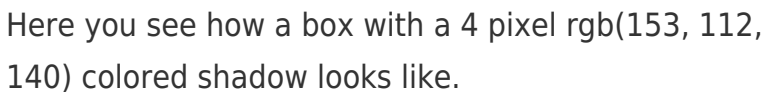
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(153, 112, 140) }
```

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

```
.border{ border-color:rgb(153, 112, 140) }
```

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



Here you see how a box with a 4 pixel `rgb(153, 112, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 112, 140); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 112, 140); box-shadow:4px 4px 4px 4px rgb(153, 112, 140) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 22.741, 336.889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 112, 140) }
```

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

```
.background{ background-color: rgb(153,  
112, 140) }
```

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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