

Converting Colors

CIELCh(52, 11.003, 344.369)

Have a look what the booklet for
CIELCh(52, 11.003, 344.369)
contains.

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Color

CIELCh(52, 10.898, 344.932)

Conversions

Conversions Part 1

Format	Color
Hex	8C7681
RGB	140, 118, 129
RGB Percent	55%, 46%, 51%
CMY	0.4507, 0.5369, 0.4938
CMYK	0.00, 0.16, 0.08, 0.45
HSL	330°, 9%, 51%
HSV	330°, 16%, 55%
XYZ	21.2838, 20.1443, 23.5625
YIQ	125.8320, 9.5810, 8.0850

Conversions

Conversions Part 2

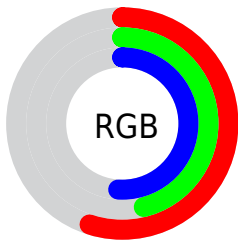
Format	Color
R_{YB}	140, 118, 129
Decimal	9205377
CIE _{Lab}	52.00, 10.52, -2.83
CIE _{LCh}	52, 10.898, 344.932
Yxy	20.1443, 0.3275, 0.3100
Android (android.graphics.Color)	4287395457 (0xFF8C7681)
YUV	125.8320, 1.5618, 12.4253
Hunter-Lab	44.8824, 6.1025, 0.2914

Details

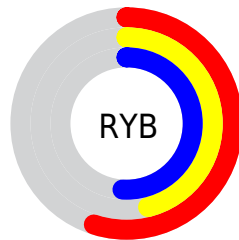
The CIELCh color $52, 10.898, 344.932$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $56, 10.688, 162.374$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 11.159, 344.658$, and $32, 10.770, 345.443$ is the 20% darker color. If you saturate the color by 10%, you get $48, 17.982, 345.897$, and if you desaturate by 10%, it is $56, 3.914, 344.029$.

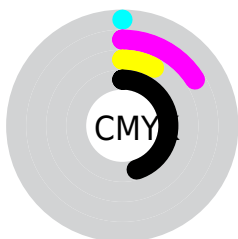
Distribution



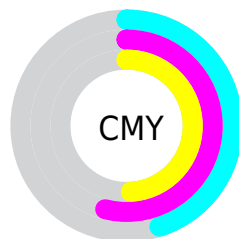
- Red (55%)
- Green (46%)
- Blue (51%)



- Red (55%)
- Yellow (46%)
- Blue (51%)



- Cyan (0%)
- Magenta (16%)
- Yellow (8%)
- Black (45%)





- Cyan (45%)
- Magenta (54%)
- Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 10.898, 344.932 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, 10.898, 344.932 by changing the saturation by 10% instead.


 52, 10.898,
344.932


 52, 10.898,
344.932


 100, 10.898,
344.932


 42, 10.898,
344.932


 72, 10.898,
344.932

 32, 10.898,
344.932

 82, 10.898,
344.932

 22, 10.898,
344.932

 92, 10.898,
344.932

 12, 10.898,
344.932

 2, 10.898, 344.932

 0, 10.898, 344.932

52, 10.898,
344.932

52, 10.898,
344.932

48, 17.982,
345.897

56, 3.914, 344.029

44, 25.056,
346.974

60, 2.895, 163.439

64, 9.495, 162.652

41, 31.940,
348.206

68, 15.871,
161.982

38, 38.385,
349.650

72, 22.024,
161.369

35, 44.073,
351.383

77, 27.961,
160.802

33, 48.664,
353.513

81, 33.693,
160.275

31, 51.874,
356.177

85, 39.234,
159.784

30, 53.679,

359.488

 89, 44.600,
159.324

 29, 54.373, 0.963

Harmonies

Complementary

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



52, 10.898, 344.932



56, 10.688, 162.374

Rectangle

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



52, 10.898, 344.932



52, 10.898, 34.932



52, 10.898, 164.932



52, 10.898, 214.932

Sweetspot

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



52, 10.896, 344.935



71, 4.226, 343.970



51, 13.560, 309.761



37, 2.908, 344.030



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



52, 10.896, 344.935



64, 16.310, 345.279



52, 9.112, 20.402



27, 3.832, 344.343



28, 52.277, 0.728



0, 1.760, 343.650

Inverse Universe

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



52, 10.896, 344.935



64, 16.310, 345.279



57, 8.262, 198.644



27, 3.832, 344.343



28, 52.277, 0.728



0, 1.760, 343.650

Previews

White Background



This preview shows how the CIELCh color 52, 10.898, 344.932 looks on a white background.

Color Contrast Check

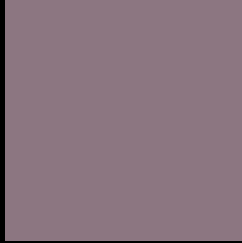
Large Text (above 18pt) WCAG AA ✓ Pass

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, 10.898, 344.932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

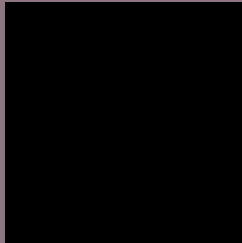
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 10.898, 344.932

Background



This preview shows how black text looks on a background with the CIELCh color 52, 10.898, 344.932.



This preview shows how white text looks on a background with the CIELCh color 52, 10.898, 344.932.

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, 10.898, 344.932

Protanopia
52, 5.254, 295.086

Deuteranopia
52, 7.672, 337.388



Tritanopia
52, 10.587, 347.513

Trichromacy



Original Color
52, 10.898, 344.932

Protanomaly
52, 6.845, 322.045

Deuteranomaly
52, 8.957, 340.089

Tritanomaly
52, 10.587, 347.513

Monochromacy



Original Color
52, 10.898, 344.932

Achromatopsia
53, 0.007, 296.813

Achromatomaly
52, 3.968, 344.060

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 10.898, 344.932 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(140, 118, 129)` looks like.

```
.text, #text, p{  
    color:rgb(140, 118, 129)  
}
```

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(140, 118, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 118, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 10.898, 344.932 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(140, 118, 129) }
```

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

```
.border{ border-color:rgb(140, 118, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 118, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(140, 118, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(140, 118, 129); box-shadow:4px 4px 4px 4px rgb(140, 118, 129) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 10.898, 344.932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 118, 129) }
```

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

```
.background{ background-color: rgb(140,  
118, 129) }
```

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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