

Converting Colors

CIELCh(52, 8.475, 8.261)

Have a look what the booklet for
CIELCh(52, 8.475, 8.261) contains.

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Color

CIELCh(52, 8.362, 8.391)

Conversions

Conversions Part 1

Format	Color
Hex	8B777A
RGB	139, 119, 122
RGB Percent	55%, 47%, 48%
CMY	0.4543, 0.5327, 0.5209
CMYK	0.00, 0.14, 0.12, 0.45
HSL	351°, 8%, 51%
HSV	351°, 14%, 55%
XYZ	20.8139, 20.1443, 21.2560
YIQ	125.3220, 10.9570, 5.1730

Conversions

Conversions Part 2

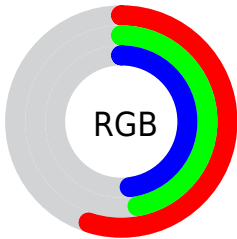
Format	Color
RYB	139, 119, 122
Decimal	9140090
CIELab	52.00, 8.27, 1.22
CIELCh	52, 8.362, 8.391
Yxy	20.1443, 0.3346, 0.3238
Android (android.graphics.Color)	4287330170 (0xFF8B777A)
YUV	125.3220, -1.6377, 11.9956
Hunter-Lab	44.8824, 4.2339, 3.3384

Details

The CIELCh color $52, 8.362, 8.391$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $56, 7.845, 186.018$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 8.565, 9.179$, and $32, 8.204, 11.946$ is the 20% darker color. If you saturate the color by 10%, you get $48, 14.571, 9.534$, and if you desaturate by 10%, it is $56, 2.472, 7.351$.

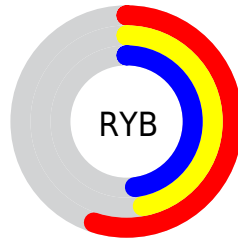
Distribution



Red (55%)

Green (47%)

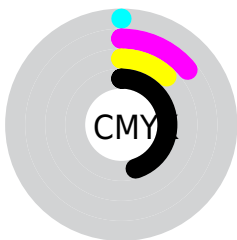
Blue (48%)



Red (55%)

Yellow (47%)

Blue (48%)

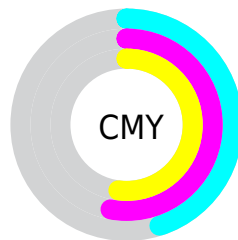


Cyan (0%)

Magenta (14%)

Yellow (12%)

Black (45%)



Cyan (45%)

Magenta (53%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 8.362, 8.391 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, 8.362, 8.391 by changing the saturation by 10% instead.

52, 8.362, 8.391

52, 8.362, 8.391

100, 8.362, 8.391

42, 8.362, 8.391

72, 8.362, 8.391

32, 8.362, 8.391

82, 8.362, 8.391

22, 8.362, 8.391

92, 8.362, 8.391

12, 8.362, 8.391

2, 8.362, 8.391

0, 8.362, 8.391

52, 8.362, 8.391

52, 8.362, 8.391

48, 14.571, 9.534

56, 2.472, 7.351

44, 21.061, 10.894

60, 3.083, 186.847

40, 27.743, 12.565

64, 8.317, 186.078

37, 34.468, 14.651

69, 13.248,
185.459

34, 41.032, 17.279

73, 17.904,
184.919

32, 47.206, 20.575

30, 52.798, 24.611

77, 22.310,
184.439

29, 57.722, 29.262

81, 26.492,
184.009

28, 60.451, 31.678

86, 30.476,
183.619

90, 34.282,
183.263

Harmonies

Complementary

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



52, 8.362, 8.391



56, 7.845, 186.018

Rectangle

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



52, 8.362, 8.391



52, 8.362, 58.391



52, 8.362, 188.391



52, 8.362, 238.391

Sweetspot

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



52, 8.361, 8.399



72, 2.802, 7.315



52, 13.409, 320.915



38, 2.010, 7.399



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, 8.361, 8.399



65, 12.361, 8.720



54, 6.709, 56.537



27, 3.206, 7.863



27, 58.223, 31.419



0, 1.451, 7.143

Inverse Universe

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



52, 8.361, 8.399



65, 12.361, 8.720



54, 6.267, 239.213



27, 3.206, 7.863



27, 58.223, 31.419



0, 1.451, 7.143

Previews

White Background



This preview shows how the CIELCh color 52, 8.362, 8.391 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, 8.362, 8.391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

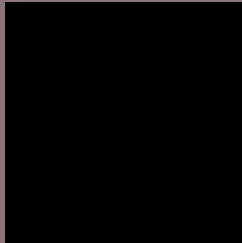
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 8.362, 8.391

Background



This preview shows how black text looks on a background with the CIELCh color 52, 8.362, 8.391.



This preview shows how white text looks on a background with the CIELCh color 52, 8.362, 8.391.

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, 8.362, 8.391

Protanopia

52, 1.682, 335.676

Deuteranopia

52, 7.037, 10.722



Tritanopia
52, 10.587, 347.513

Trichromacy



Original Color

52, 8.362, 8.391

Protanomaly

52, 3.817, 2.089

Deuteranomaly

52, 7.447, 11.302

Tritanomaly

52, 10.039, 353.136

Monochromacy



Original Color

52, 8.362, 8.391

Achromatopsia

52, 0.007, 296.813

Achromatomaly

52, 2.882, 8.017

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 8.362, 8.391 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(139, 119, 122)` looks like.

```
.text, #text, p{  
    color:rgb(139, 119, 122)  
}
```

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(139, 119, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 119, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 8.362, 8.391 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(139, 119, 122) }
```

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

```
.border{ border-color:rgb(139, 119, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 119, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 119, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 119, 122);  
box-shadow:4px 4px 4px 4px rgb(139, 119,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 8.362, 8.391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 119, 122) }
```

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

```
.background{ background-color: rgb(139,  
119, 122) }
```

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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