

Converting Colors

CIELCh(52, 15.461, 5.431)

Have a look what the booklet for
CIELCh(52, 15.461, 5.431) contains.

CIELCh(52, 15.364, 6.089)	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, 15.364, 6.089)

Conversions

Conversions Part 1

Format	Color
Hex	97737A
RGB	151, 115, 122
RGB Percent	59%, 45%, 48%
CMY	0.4090, 0.5501, 0.5227
CMYK	0.00, 0.24, 0.19, 0.41
HSL	348°, 15%, 52%
HSV	348°, 24%, 59%
XYZ	22.2993, 20.1443, 21.0317
YIQ	126.5620, 19.2090, 9.8090

Conversions

Conversions Part 2

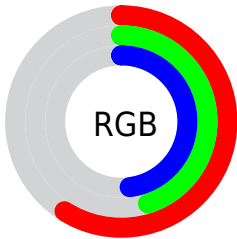
Format	Color
RYB	151, 115, 122
Decimal	9925498
CIELab	52.00, 15.28, 1.63
CIElCh	52, 15.364, 6.089
Yxy	20.1443, 0.3513, 0.3174
Android (android.graphics.Color)	4288115578 (0xFF97737A)
YUV	126.5620, -2.2491, 21.4321
Hunter-Lab	44.8824, 10.1411, 3.6346

Details

The CIELCh color **52, 15.364, 6.089** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **60, 13.948, 181.577**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 15.485, 6.685**, and **32, 14.944, 7.563** is the 20% darker color. If you saturate the color by 10%, you get **48, 22.269, 7.469**, and if you desaturate by 10%, it is **56, 8.711, 4.934**.

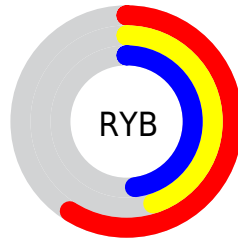
Distribution



Red (59%)

Green (45%)

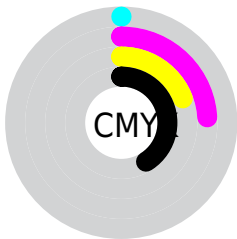
Blue (48%)



Red (59%)

Yellow (45%)

Blue (48%)

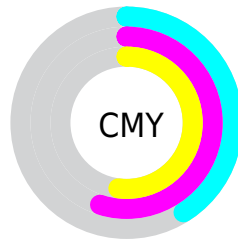


Cyan (0%)

Magenta (24%)

Yellow (19%)

Black (41%)



Cyan (41%)

Magenta (55%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 15.364, 6.089 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, 15.364, 6.089 by changing the saturation by 10% instead.

■ 52, 15.364, 6.089 ■ 52, 15.364, 6.089

■ 100, 15.364, 6.089 ■ 42, 15.364, 6.089

■ 72, 15.364, 6.089 ■ 32, 15.364, 6.089

■ 82, 15.364, 6.089 ■ 22, 15.364, 6.089

■ 92, 15.364, 6.089 ■ 12, 15.364, 6.089

■ 2, 15.364, 6.089

■ 0, 15.364, 6.089

■ 52, 15.364, 6.089 ■ 52, 15.364, 6.089

■ 48, 22.269, 7.469 ■ 56, 8.711, 4.934

■ 44, 29.326, 9.144 ■ 61, 2.372, 3.840

40, 36.358, 11.222

65, 3.638, 183.297

37, 43.132, 13.833

70, 9.323, 182.501

35, 49.385, 17.119

74, 14.700,
181.842

33, 54.910, 21.190

79, 19.794,
181.261

32, 59.650, 26.014

31, 62.478, 28.916

83, 24.629,
180.741

88, 29.232,
180.270

92, 33.628,
179.840

Harmonies

Complementary

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



52, 15.364, 6.089



60, 13.948, 181.577

Rectangle

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



52, 15.364, 6.089



52, 15.364, 56.089



52, 15.364, 186.089



52, 15.364, 236.089

Sweetspot

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



52, 15.362, 6.094



75, 5.358, 4.220



52, 23.590, 319.840



40, 3.514, 4.276



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, 15.362, 6.094



64, 23.448, 6.847



55, 12.377, 50.103



30, 3.550, 4.442



29, 59.097, 28.531



1, 3.745, 3.922

Inverse Universe

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



52, 15.362, 6.094



64, 23.448, 6.847



57, 10.802, 233.687



30, 3.550, 4.442



29, 59.097, 28.531



1, 3.745, 3.922

Previews

White Background



This preview shows how the CIELCh color 52, 15.364, 6.089 looks on a white background.

Color Contrast Check

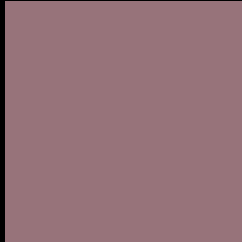
Large Text (above 18pt) WCAG AA ✓ Pass

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, 15.364, 6.089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

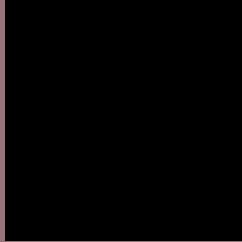
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 15.364, 6.089

Background



This preview shows how black text looks on a background with the CIELCh color 52, 15.364, 6.089.



This preview shows how white text looks on a background with the CIELCh color 52, 15.364, 6.089.

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, 15.364, 6.089

Protanopia

52, 1.927, 314.699

Deuteranopia

52, 7.400, 15.729



Tritanopia
52, 16.037, 2.539

Trichromacy



Original Color
52, 15.364, 6.089

Protanomaly
52, 6.120, 357.858

Deuteranomaly
52, 10.433, 11.065

Tritanomaly
52, 16.037, 2.539

Monochromacy



Original Color
52, 15.364, 6.089

Achromatopsia
53, 0.007, 296.813

Achromatomaly
52, 5.396, 7.599

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 15.364, 6.089 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(151, 115, 122)` looks like.

```
.text, #text, p{  
    color:rgb(151, 115, 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(151, 115, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 115, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 15.364, 6.089 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(151, 115, 122) }
```

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

```
.border{ border-color:rgb(151, 115, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 115, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 115, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 115, 122);  
box-shadow:4px 4px 4px 4px rgb(151, 115,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 15.364, 6.089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 115, 122) }
```

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

```
.background{ background-color: rgb(151,  
115, 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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