

Converting Colors

CIELCh(52, 5.934, 31.301)

Have a look what the booklet for
CIELCh(52, 5.934, 31.301) contains.

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Color

CIELCh(52, 5.866, 31.298)

Conversions

Conversions Part 1

Format	Color
Hex	877977
RGB	135, 121, 119
RGB Percent	53%, 47%, 47%
CMY	0.4707, 0.5256, 0.5335
CMYK	0.00, 0.10, 0.12, 0.47
HSL	8°, 6%, 50%
HSV	8°, 12%, 53%
XYZ	20.1457, 20.1443, 20.2675
YIQ	124.9580, 8.9860, 2.3460

Conversions

Conversions Part 2

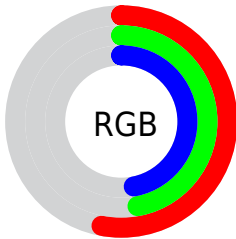
Format	Color
R_{YB}	135, 121, 119
Decimal	8878455
CIE Lab	52.00, 5.01, 3.05
CIE LCh	52, 5.866, 31.298
Yxy	20.1443, 0.3327, 0.3326
Android (android.graphics.Color)	4287068535 (0xFF877977)
YUV	124.9580, -2.9373, 8.8068
Hunter-Lab	44.8824, 1.5765, 4.6442

Details

The CIELCh color **52, 5.866, 31.298** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **54, 5.443, 211.206**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 5.839, 30.486**, and **32, 5.578, 33.186** is the 20% darker color. If you saturate the color by 10%, you get **48, 11.258, 31.643**, and if you desaturate by 10%, it is **56, 0.881, 30.745**.

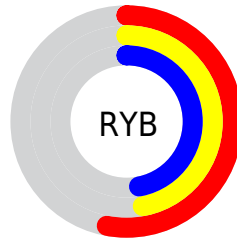
Distribution



Red (53%)

Green (47%)

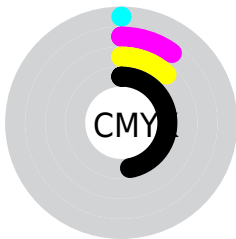
Blue (47%)



Red (53%)

Yellow (47%)

Blue (47%)

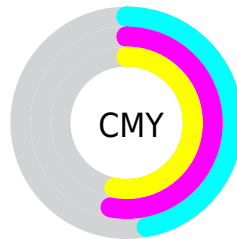


Cyan (0%)

Magenta (10%)

Yellow (12%)

Black (47%)



Cyan (47%)

Magenta (53%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 5.866, 31.298 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, 5.866, 31.298 by changing the saturation by 10% instead.

 52, 5.866, 31.298  52, 5.866, 31.298

 100, 5.866, 31.298  42, 5.866, 31.298

 72, 5.866, 31.298  32, 5.866, 31.298

 82, 5.866, 31.298  22, 5.866, 31.298

 92, 5.866, 31.298  12, 5.866, 31.298

 2, 5.866, 31.298

 0, 5.866, 31.298

 52, 5.866, 31.298  52, 5.866, 31.298

 48, 11.258, 31.643  56, 0.881, 30.745

 45, 17.082, 32.118  59, 3.728, 211.255

42, 23.346, 32.799

63, 8.000, 211.197

39, 30.025, 33.742

67, 11.972,
211.234

36, 37.051, 34.995

70, 15.679,
211.321

33, 44.284, 36.574

31, 51.454, 38.397

74, 19.152,
211.440

29, 57.987, 40.129

78, 22.421,
211.581

28, 62.264, 41.245

82, 25.510,
211.738

85, 28.442,
211.905

Harmonies

Complementary

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



52, 5.866, 31.298



54, 5.443, 211.206

Rectangle

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



52, 5.866, 31.298



52, 5.866, 81.298



52, 5.866, 211.298



52, 5.866, 261.298

Sweetspot

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



52, 5.865, 31.314



70, 2.383, 31.033



52, 10.392, 328.431



37, 1.711, 31.073



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



52, 5.865, 31.314



66, 8.688, 31.386



54, 6.187, 85.436



26, 2.720, 31.234



27, 60.338, 41.082



0, 0.630, 31.188

Inverse Universe

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



54, 5.443, 211.206



69, 7.930, 211.197



52, 6.137, 268.498



27, 2.571, 211.231



44, 26.711, 218.612



0, 0.630, 211.207

Previews

White Background



This preview shows how the CIELCh color 52, 5.866, 31.298 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, 5.866, 31.298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

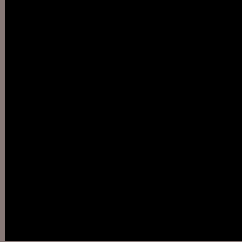
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 5.866, 31.298

Background



This preview shows how black text looks on a background with the CIELCh color 52, 5.866, 31.298.



This preview shows how white text looks on a background with the CIELCh color 52, 5.866, 31.298.

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, 5.866, 31.298

Protanopia

52, 2.601, 81.989

Deuteranopia

52, 7.445, 24.614



Tritanopia
52, 8.957, 340.089

Trichromacy



Original Color
52, 5.866, 31.298

Protanomaly
52, 3.326, 50.964

Deuteranomaly
52, 7.025, 24.832

Tritanomaly
52, 7.097, 356.142

Monochromacy



Original Color
52, 5.866, 31.298

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 2.090, 35.472

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 5.866, 31.298 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(135, 121, 119)` looks like.

```
.text, #text, p{  
    color:rgb(135, 121, 119)  
}
```

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(135, 121, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 121, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 5.866, 31.298 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(135, 121, 119) }
```

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

```
.border{ border-color:rgb(135, 121, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 121, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 121, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 121, 119);  
box-shadow:4px 4px 4px 4px rgb(135, 121,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 5.866, 31.298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 121, 119) }
```

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

```
.background{ background-color: rgb(135,  
121, 119) }
```

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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