

Converting Colors

CIELCh(52, 5.825, 344.718)

Have a look what the booklet for
CIELCh(52, 5.825, 344.718) contains.

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Color

CIELCh(52, 5.955, 344.325)

Conversions

Conversions Part 1

Format	Color
Hex	85797F
RGB	133, 121, 127
RGB Percent	52%, 47%, 50%
CMY	0.4790, 0.5260, 0.5025
CMYK	0.00, 0.09, 0.05, 0.48
HSL	330°, 5%, 50%
HSV	330°, 9%, 52%
XYZ	20.2923, 20.1443, 22.8492
YIQ	125.2720, 5.2260, 4.4100

Conversions

Conversions Part 2

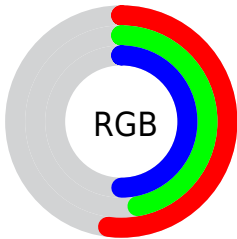
Format	Color
R_{YB}	133, 121, 127
Decimal	8747391
CIE Lab	52.00, 5.73, -1.61
CIE LCh	52, 5.955, 344.325
Yxy	20.1443, 0.3206, 0.3183
Android (android.graphics.Color)	4286937471 (0xFF85797F)
YUV	125.2720, 0.8519, 6.7775
Hunter-Lab	44.8824, 2.1594, 1.2338

Details

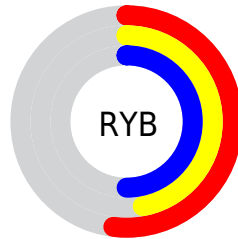
The CIELCh color $52, 5.955, 344.325$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $54, 5.883, 162.981$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 6.215, 342.128$, and $32, 6.140, 342.225$ is the 20% darker color. If you saturate the color by 10%, you get $48, 12.681, 345.237$, and if you desaturate by 10%, it is $56, 0.627, 164.062$.

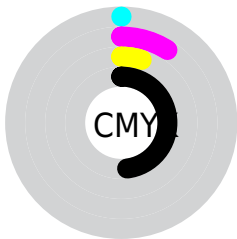
Distribution



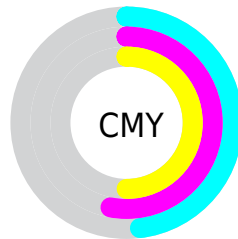
- Red (52%)
- Green (47%)
- Blue (50%)



- Red (52%)
- Yellow (47%)
- Blue (50%)



- Cyan (0%)
- Magenta (9%)
- Yellow (5%)
- Black (48%)



- Cyan (48%)
- Magenta (53%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 5.955, 344.325 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, 5.955, 344.325 by changing the saturation by 10% instead.

■ 52, 5.955, 344.325

■ 52, 5.955, 344.325

■ 100, 5.955,
344.325

■ 42, 5.955, 344.325

■ 72, 5.955, 344.325

■ 32, 5.955, 344.325

■ 82, 5.955, 344.325

■ 22, 5.955, 344.325

■ 92, 5.955, 344.325

■ 12, 5.955, 344.325

■ 2, 5.955, 344.325

■ 0, 5.955, 344.325

■ 52, 5.955, 344.325

■ 52, 5.955, 344.325

■ 48, 12.681,
345.237

■ 56, 0.627, 164.062

■ 60, 7.016, 162.896

45, 19.477,
346.226

64, 13.195,
162.205

41, 26.215,
347.342

68, 19.161,
161.578

38, 32.705,
348.626

72, 24.917,
160.998

35, 38.690,
350.141

76, 30.473,
160.460

32, 43.855,
351.972

80, 35.844,
159.959

30, 47.883,
354.234

84, 41.042,
159.491

29, 50.543,
357.069

88, 46.082,
159.052

28, 52.180, 0.417

Harmonies

Complementary

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



52, 5.955, 344.325



54, 5.883, 162.981

Rectangle

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



52, 5.955, 344.325



52, 5.955, 34.325



52, 5.955, 164.325



52, 5.955, 214.325

Sweetspot

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



52, 5.953, 344.330



69, 2.444, 343.747



52, 7.397, 309.445



36, 1.846, 343.834



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



52, 5.953, 344.330



66, 9.040, 344.528



52, 4.889, 19.872



26, 3.713, 344.339



27, 51.558, 0.644



0, 0.880, 343.652

Inverse Universe

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



52, 5.953, 344.330



66, 9.040, 344.528



55, 4.628, 199.018



26, 3.713, 344.339



27, 51.558, 0.644



0, 0.880, 343.652

Previews

White Background



This preview shows how the CIELCh color 52, 5.955, 344.325 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, 5.955, 344.325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

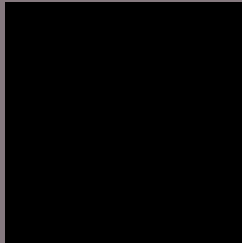
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 5.955, 344.325

Background



This preview shows how black text looks on a background with the CIELCh color 52, 5.955, 344.325.



This preview shows how white text looks on a background with the CIELCh color 52, 5.955, 344.325.

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, 5.955, 344.325

Protanopia

52, 3.025, 305.665

Deuteranopia

52, 7.281, 346.374



Tritanopia
52, 7.803, 332.199

Trichromacy



Original Color

52, 5.955, 344.325

Protanomaly

52, 4.247, 324.644

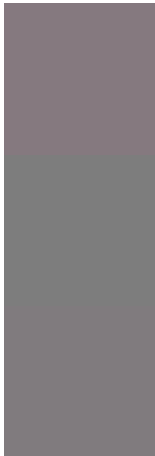
Deuteranomaly

52, 6.950, 344.453

Tritanomaly

52, 7.386, 335.212

Monochromacy



Original Color

52, 5.955, 344.325

Achromatopsia

52, 0.007, 296.813

Achromatomaly

52, 2.665, 338.810

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 5.955, 344.325 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(133, 121, 127)` looks like.

```
.text, #text, p{  
    color:rgb(133, 121, 127)  
}
```

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(133, 121, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 121, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 5.955, 344.325 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(133, 121, 127) }
```

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

```
.border{ border-color:rgb(133, 121, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 121, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 121, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 121, 127);  
box-shadow:4px 4px 4px 4px rgb(133, 121,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 5.955, 344.325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 121, 127) }
```

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

```
.background{ background-color: rgb(133,  
121, 127) }
```

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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