

Converting Colors

CIELCh(51, 5.458, 341.767)

Have a look what the booklet for
CIELCh(51, 5.458, 341.767) contains.

CIELCh(51, 4.983, 344.209)	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(51, 4.983, 344.209)

Conversions

Conversions Part 1

Format	Color
Hex	81777C
RGB	129, 119, 124
RGB Percent	51%, 47%, 49%
CMY	0.4947, 0.5339, 0.5143
CMYK	0.00, 0.08, 0.04, 0.49
HSL	330°, 4%, 49%
HSV	330°, 8%, 51%
XYZ	19.2417, 19.2686, 21.7278
YIQ	122.5600, 4.3550, 3.6750

Conversions

Conversions Part 2

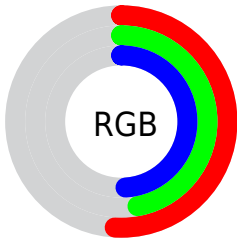
Format	Color
R_{YB}	129, 119, 124
Decimal	8484732
CIE _{Lab}	51.00, 4.79, -1.36
CIE _{LCh}	51, 4.983, 344.209
Yxy	19.2686, 0.3194, 0.3199
Android (android.graphics.Color)	4286674812 (0xFF81777C)
YUV	122.5600, 0.7099, 5.6479
Hunter-Lab	43.8960, 1.4269, 1.3797

Details

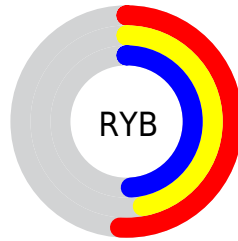
The CIELCh color $51, 4.983, 344.209$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $53, 4.928, 163.098$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 4.983, 346.608$, and $31, 4.719, 347.611$ is the 20% darker color. If you saturate the color by 10%, you get $47, 11.527, 345.114$, and if you desaturate by 10%, it is $55, 1.414, 163.696$.

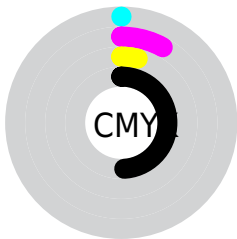
Distribution



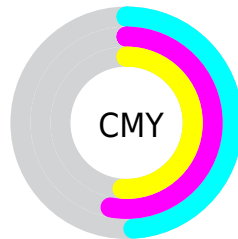
- Red (51%)
- Green (47%)
- Blue (49%)



- Red (51%)
- Yellow (47%)
- Blue (49%)



- Cyan (0%)
- Magenta (8%)
- Yellow (4%)
- Black (49%)



- Cyan (49%)
- Magenta (53%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 4.983, 344.209 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 51, 4.983, 344.209 by changing the saturation by 10% instead.

■ 51, 4.983, 344.209

■ 51, 4.983, 344.209

■ 100, 4.983,
344.209

■ 41, 4.983, 344.209

■ 71, 4.983, 344.209

■ 31, 4.983, 344.209

■ 81, 4.983, 344.209

■ 21, 4.983, 344.209

■ 91, 4.983, 344.209

■ 11, 4.983, 344.209

■ 1, 4.983, 344.209

■ 0, 4.983, 344.209

■ 51, 4.983, 344.209

■ 51, 4.983, 344.209

■ 47, 11.527,
345.114

■ 55, 1.414, 163.696

■ 59, 7.620, 162.807

44, 18.152,
346.087

62, 13.621,
162.128

40, 24.741,
347.179

66, 19.414,
161.508

37, 31.118,
348.434

70, 25.005,
160.936

34, 37.043,
349.907

74, 30.403,
160.403

32, 42.217,
351.680

78, 35.622,
159.907

30, 46.328,
353.863

82, 40.674,
159.444

28, 49.132,
356.593

86, 45.573,
159.010

27, 50.828,
359.872

Harmonies

Complementary

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



51, 4.983, 344.209



53, 4.928, 163.098

Rectangle

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



51, 4.983, 344.209



51, 4.983, 34.209



51, 4.983, 164.209



51, 4.983, 214.209

Sweetspot

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



51, 4.981, 344.215



68, 1.590, 343.592



51, 6.188, 309.385



35, 0.900, 343.563



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



51, 4.981, 344.215



65, 7.201, 344.345



51, 4.077, 19.772



25, 3.593, 344.334



26, 50.836, 0.557



0, 0.000, 0.000

Inverse Universe

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



51, 4.981, 344.215



65, 7.201, 344.345



53, 3.891, 199.099



25, 3.593, 344.334



26, 50.836, 0.557



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 51, 4.983, 344.209 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 CIELCh color 51, 4.983, 344.209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

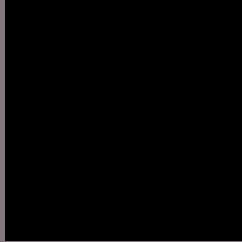
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 4.983, 344.209

Background



This preview shows how black text looks on a background with the CIELCh color 51, 4.983, 344.209.



This preview shows how white text looks on a background with the CIELCh color 51, 4.983, 344.209.

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

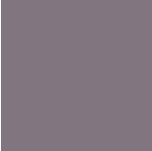
51, 4.983, 344.209

Protanopia

51, 2.477, 309.168

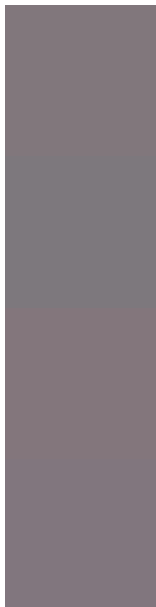
Deuteranopia

51, 6.656, 348.554



Tritanopia
51, 7.321, 327.440

Trichromacy



Original Color

51, 4.983, 344.209

Protanomaly

51, 3.553, 324.600

Deuteranomaly

51, 6.314, 346.555

Tritanomaly

51, 6.437, 333.713

Monochromacy



Original Color

51, 4.983, 344.209

Achromatopsia

51, 0.007, 296.813

Achromatomaly

51, 1.687, 335.681

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 4.983, 344.209 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(129, 119, 124)` looks like.

```
.text, #text, p{  
    color:rgb(129, 119, 124)  
}
```

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(129, 119, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 119, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 4.983, 344.209 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(129, 119, 124) }
```

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

```
.border{ border-color:rgb(129, 119, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 119, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 119, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 119, 124);  
box-shadow:4px 4px 4px 4px rgb(129, 119,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 4.983, 344.209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 119, 124) }
```

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

```
.background{ background-color: rgb(129,  
119, 124) }
```

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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