

Converting Colors

CIELCh(57, 33.977, 326.575)

Have a look what the booklet for
CIELCh(57, 33.977, 326.575)
contains.

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Color

CIELCh(57, 33.976, 326.575)

Conversions

Conversions Part 1

Format	Color
Hex	AB78AA
RGB	171, 120, 170
RGB Percent	67%, 47%, 67%
CMY	0.3301, 0.5301, 0.3341
CMYK	0.00, 0.30, 0.01, 0.33
HSL	301°, 23%, 57%
HSV	301°, 30%, 67%
XYZ	30.6871, 24.9227, 41.1313
YIQ	140.9490, 14.3460, 26.3620

Conversions

Conversions Part 2

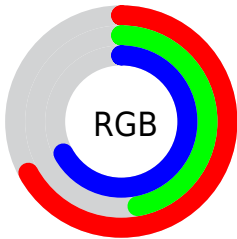
Format	Color
RYB	171, 120, 170
Decimal	11237546
CIELab	57.00, 28.36, -18.72
CIELCh	57, 33.976, 326.575
Yxy	24.9227, 0.3172, 0.2576
Android (android.graphics.Color)	4289427626 (0xFFAB78AA)
YUV	140.9490, 14.3221, 26.3547
Hunter-Lab	49.9226, 22.3581, -13.9033

Details

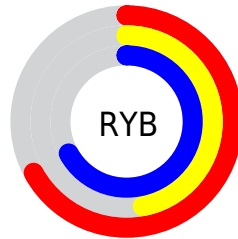
The CIELCh color **57, 33.976, 326.575** is a light color, and the websafe version is hex **996699**. A complement of this color would be **65, 33.975, 142.910**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 33.767, 326.767**, and **37, 34.409, 326.512** is the 20% darker color. If you saturate the color by 10%, you get **53, 45.002, 327.092**, and if you desaturate by 10%, it is **61, 22.617, 326.035**.

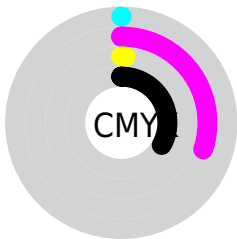
Distribution



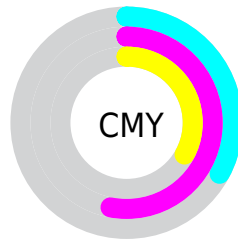
- Red (67%)
- Green (47%)
- Blue (67%)



- Red (67%)
- Yellow (47%)
- Blue (67%)



- Cyan (0%)
- Magenta (30%)
- Yellow (1%)
- Black (33%)





- Cyan (33%)
- Magenta (53%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 33.976, 326.575 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 57, 33.976, 326.575 by changing the saturation by 10% instead.


 57, 33.976,
326.575


 57, 33.976,
326.575


 100, 33.976,
326.575


 47, 33.976,
326.575


 77, 33.976,
326.575

 37, 33.976,
326.575

 87, 33.976,
326.575

 27, 33.976,
326.575

 97, 33.976,
326.575

 17, 33.976,
326.575

 7, 33.976, 326.575

 0, 33.976, 326.575

57, 33.976,
326.575

57, 33.976,
326.575

53, 45.002,
327.092

61, 22.617,
326.035

50, 55.368,
327.572

65, 11.180,
325.480

47, 64.669,
328.001

70, 0.163, 146.393

44, 72.470,
328.365

75, 11.297,
144.448

42, 78.385,
328.654

79, 22.154,
143.924

41, 82.194,
328.866

84, 32.698,
143.428

40, 84.269,
329.018

89, 42.913,
142.959

40, 84.298,

93, 51.945,
142.563

329.020

 93, 51.806,
142.668

Harmonies

Complementary

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



57, 33.976, 326.575



65, 33.975, 142.910

Rectangle

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



57, 33.976, 326.575



57, 33.976, 16.575



57, 33.976, 146.575



57, 33.976, 196.575

Sweetspot

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



57, 33.974, 326.575



83, 12.633, 325.441



52, 29.634, 294.325



44, 8.856, 325.521



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



57, 33.974, 326.575



69, 50.459, 326.929



56, 24.364, 347.336



33, 6.345, 325.448



35, 75.843, 329.011



2, 11.456, 325.182

Inverse Universe

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



57, 33.974, 326.575



69, 50.459, 326.929



66, 23.422, 161.811



33, 6.345, 325.448



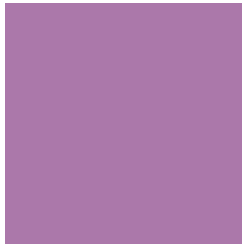
35, 75.843, 329.011



2, 11.456, 325.182

Previews

White Background



This preview shows how the CIELCh color 57, 33.976, 326.575 looks on a white background.

Color Contrast Check

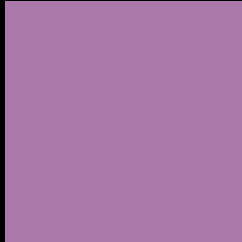
Large Text (above 18pt) WCAG AA ✓ Pass

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 57, 33.976, 326.575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

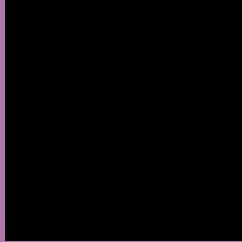
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 33.976, 326.575

Background



This preview shows how black text looks on a background with the CIELCh color 57, 33.976, 326.575.



This preview shows how white text looks on a background with the CIELCh color 57, 33.976, 326.575.

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

57, 33.976, 326.575

Protanopia

57, 26.350, 285.945

Deuteranopia

57, 18.866, 293.436



Tritanopia
57, 17.069, 2.017

Trichromacy



Original Color
57, 33.976, 326.575

Protanomaly
57, 27.934, 302.590

Deuteranomaly
57, 23.438, 309.716

Tritanomaly
57, 21.881, 343.494

Monochromacy



Original Color
57, 33.976, 326.575

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 12.630, 326.550

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 33.976, 326.575 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(171, 120, 170)` looks like.

```
.text, #text, p{  
    color:rgb(171, 120, 170)  
}
```

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(171, 120, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 120, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 33.976, 326.575 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(171, 120, 170) }
```

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

```
.border{ border-color:rgb(171, 120, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 120, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 120, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 120, 170);  
box-shadow:4px 4px 4px 4px rgb(171, 120,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 33.976, 326.575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 120, 170) }
```

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

```
.background{ background-color: rgb(171,  
120, 170) }
```

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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