Converting Colors

CIELCh(57, 34.929, 326.044)

Have a look what the booklet for CIELCh(57, 34.929, 326.044) contains.

CIELCh(57, 35.091, 326.062) 3
Conversions 4
Details 6
Harmonies 12
Previews 21
Color Blindness Simulation 24
CSS Examples 27

Color

CIELCh(57, 35.091, 326.062)

Conversions

Conversions Part 1

Format	Color
Hex	AB77AB
RGB	171, 119, 171
RGB Percent	67%, 47%, 67%
CMY	0.3280, 0.5320, 0.3281
CMYK	0.00, 0.30, 0.00, 0.33
HSL	300°, 24%, 57%
HSV	300°, 30%, 67%
XYZ	30.8905, 24.9227, 41.8832
YIQ	140.4760, 14.3000, 27.1960

Conversions

Conversions Part 2

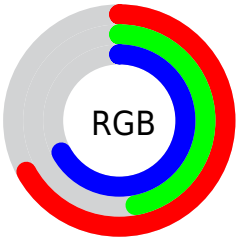
Format	Color
RYB	171, 119, 171
Decimal	11237291
CIELab	57.00, 29.11, -19.59
CIELCh	57, 35.091, 326.062
Yxy	24.9227, 0.3162, 0.2551
Android (android.graphics.Color)	4289427371 (0xFFAB77AB)
YUV	140.4760, 15.0483, 26.7695
Hunter-Lab	49.9226, 23.0856, -14.7963

Details

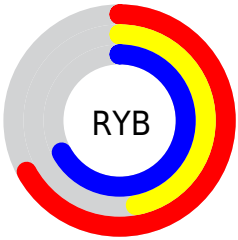
The CIELCh color 57, 35.091, 326.062 is a light color, and the websafe version is hex 996699. A complement of this color would be 65, 35.095, 142.355, and the grayscale version is 59, 0.007, 296.813.

A 20% lighter version of the original color is 77, 34.832, 326.260, and 37, 35.569, 325.991 is the 20% darker color. If you saturate the color by 10%, you get 53, 46.260, 326.565, and if you desaturate by 10%, it is 61, 23.566, 325.532.

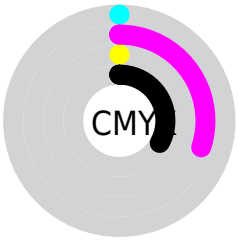
Distribution



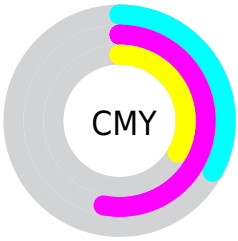
- Red (67%)
- Green (47%)
- Blue (67%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 35.091, 326.062 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, 35.091, 326.062 by changing the saturation by 10% instead.

57, 35.091, 326.062

100, 35.091, 326.062

77, 35.091, 326.062

87, 35.091, 326.062

97, 35.091, 326.062

57, 35.091, 326.062

47, 35.091, 326.062

37, 35.091, 326.062

27, 35.091, 326.062

17, 35.091, 326.062

7, 35.091, 326.062

0, 35.091, 326.062

57, 35.091, 326.062

53, 46.260, 326.565

50, 56.740, 327.026

47, 66.119, 327.428

44, 73.962, 327.756

42, 79.893, 327.999

41, 83.708, 328.153

41, 85.785, 328.237

57, 35.091, 326.062

61, 23.566, 325.532

65, 11.948, 324.984

70, 0.417, 323.913

75, 10.907, 143.957

79, 21.953, 143.434

84, 32.679, 142.939

89, 43.071, 142.471

93, 52.309, 142.065

93, 52.308, 142.066

Harmonies

Complementary

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

57, 35.091, 326.062

65, 35.095, 142.355

Rectangle

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

57, 35.091, 326.062

57, 35.091, 16.062

57, 35.091, 146.062

57, 35.091, 196.062

Sweetspot

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

57, 35.089, 326.062

83, 12.800, 324.916

52, 30.245, 293.859

44, 8.973, 324.996

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, 35.089, 326.062

70, 51.118, 326.382

56, 25.096, 346.433

34, 6.590, 324.925

35, 77.955, 328.236

2, 13.855, 324.443

Inverse Universe

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

57, 35.089, 326.062

70, 51.118, 326.382

66, 24.188, 160.875

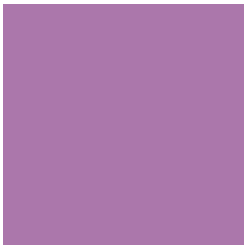
34, 6.590, 324.925

35, 77.955, 328.236

2, 13.855, 324.443

Previews

White Background

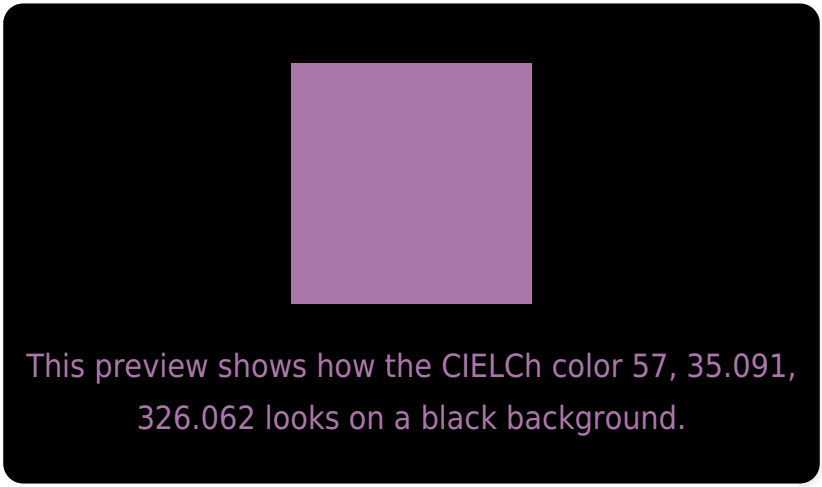


This preview shows how the CIELCh color 57, 35.091, 326.062 looks on a white background.

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



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, 35.091, 326.062

Background

This preview shows how black text looks on a background with the CIELCh color 57, 35.091, 326.062.

This preview shows how white text looks on a background with the CIELCh color 57, 35.091, 326.062.

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, 35.091, 326.062

Protanopia
57, 27.504, 285.749

Deuteranopia
57, 20.004, 293.494

Tritanopia
57, 17.457, 2.522

Trichromacy

Original Color
57, 35.091, 326.062

Protanomaly
57, 29.002, 301.609

Deuteranomaly
57, 24.520, 308.962

Tritanomaly
57, 22.504, 343.005

Monochromacy

Original Color
57, 35.091, 326.062

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 13.090, 325.094

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 35.091, 326.062 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, 119, 171) looks like.

```
.text, #text, p{
    color:rgb(171, 119, 171)
}
```

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, 119, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 119, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 35.091, 326.062 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, 119, 171) }
```

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

```
.border{ border-color:rgb(171, 119, 171) }
```

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

Here you see how a box with a 4 pixel rgb(171, 119, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 119, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 119, 171); box-shadow:4px 4px 4px 4px rgb(171, 119, 171) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 35.091, 326.062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(171, 119, 171) }
```

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

```
.background{ background-color:rgb(171,
119, 171) }
```

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.

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

Learn more, Memberships starting at $2.50/m!

Follow me on Twitter!

@ConvertingColor