

Converting Colors

CIELCh(57, 35.161, 324.443)

Have a look what the booklet for
CIELCh(57, 35.161, 324.443)
contains.

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Color

CIELCh(57, 35.161, 324.443)

Conversions

Conversions Part 1

Format	Color
Hex	AA78AD
RGB	170, 120, 173
RGB Percent	67%, 47%, 68%
CMY	0.3341, 0.5301, 0.3223
CMYK	0.02, 0.31, 0.00, 0.32
HSL	297°, 24%, 57%
HSV	297°, 31%, 68%
XYZ	30.7537, 24.9227, 42.6265
YIQ	140.9920, 12.7870, 27.0830

Conversions

Conversions Part 2

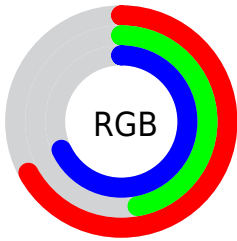
Format	Color
RYB	170, 120, 173
Decimal	11172013
CIELab	57.00, 28.60, -20.45
CIELCh	57, 35.161, 324.443
Yxy	24.9227, 0.3128, 0.2535
Android (android.graphics.Color)	4289362093 (0xFFAA78AD)
YUV	140.9920, 15.7799, 25.4400
Hunter-Lab	49.9226, 22.5964, -15.6791

Details

The CIELCh color **57, 35.161, 324.443** is a light color, and the websafe version is hex **996699**. A complement of this color would be **66, 35.050, 140.973**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 35.311, 324.250**, and **37, 35.701, 324.266** is the 20% darker color. If you saturate the color by 10%, you get **53, 46.322, 324.909**, and if you desaturate by 10%, it is **61, 23.696, 323.948**.

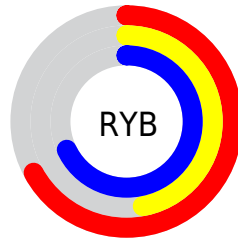
Distribution



Red (67%)

Green (47%)

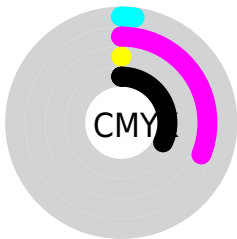
Blue (68%)



Red (67%)

Yellow (47%)

Blue (68%)

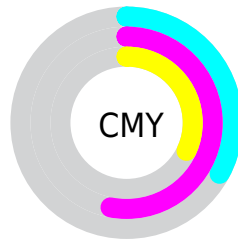


Cyan (2%)

Magenta (31%)

Yellow (0%)

Black (32%)



Cyan (33%)

Magenta (53%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 35.161, 324.443 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, 35.161, 324.443 by changing the saturation by 10% instead.

 57, 35.161,
324.443

 57, 35.161,
324.443


 100, 35.161,
324.443

 47, 35.161,
324.443


 77, 35.161,
324.443

 37, 35.161,
324.443

 87, 35.161,
324.443

 27, 35.161,
324.443

 97, 35.161,
324.443

 17, 35.161,
324.443

 7, 35.161, 324.443

 0, 35.161, 324.443

57, 35.161,
324.443

57, 35.161,
324.443

53, 46.322,
324.909

61, 23.696,
323.948

49, 56.858,
325.327

66, 12.173,
323.436

46, 66.360,
325.675

70, 0.757, 322.662

43, 74.376,
325.932

75, 10.445,
142.482

41, 80.493,
326.077

80, 21.371,
141.997


40, 84.458,
326.096

85, 31.987,
141.543

39, 86.595,
326.025

89, 42.279,
141.115

93, 50.469,
140.733

 93, 50.279,
140.442

Harmonies

Complementary

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



57, 35.161, 324.443



66, 35.050, 140.973

Rectangle

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



57, 35.161, 324.443



57, 35.161, 14.443



57, 35.161, 144.443



57, 35.161, 194.443

Sweetspot

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



57, 35.159, 324.443



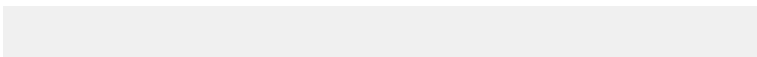
84, 12.696, 323.357



53, 28.612, 291.259



44, 8.819, 323.431



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, 35.159, 324.443



69, 52.273, 324.773



57, 26.602, 342.822



34, 6.476, 323.365



34, 78.198, 326.049



2, 13.498, 322.206

Inverse Universe

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



56, 22.214, 17.610



67, 33.873, 18.620



66, 25.921, 157.535



34, 3.823, 15.323



31, 67.946, 37.141



2, 7.826, 15.564

Previews

White Background



This preview shows how the CIELCh color 57, 35.161, 324.443 looks on a white background.

Color Contrast Check

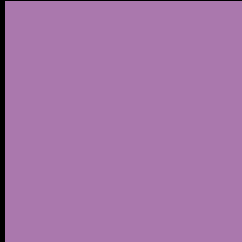
Large Text (above 18pt) WCAG AA ✓ Pass

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 57, 35.161, 324.443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

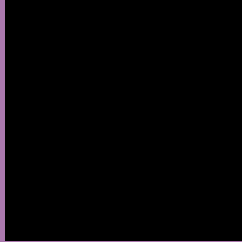
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 35.161, 324.443

Background



This preview shows how black text looks on a background with the CIELCh color 57, 35.161, 324.443.



This preview shows how white text looks on a background with the CIELCh color 57, 35.161, 324.443.

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





Tritanopia
57, 16.276, 0.926

Trichromacy



Original Color
57, 35.161, 324.443

Protanomaly
57, 29.518, 300.820

Deuteranomaly
57, 24.971, 307.804

Tritanomaly
57, 22.252, 340.436

Monochromacy



Original Color
57, 35.161, 324.443

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 13.359, 322.319

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 35.161, 324.443 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(170, 120, 173)` looks like.

```
.text, #text, p{  
    color:rgb(170, 120, 173)  
}
```

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(170, 120, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 120, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 35.161, 324.443 is called "border". The border property can be set on classes, ids or directly on the HTML element.

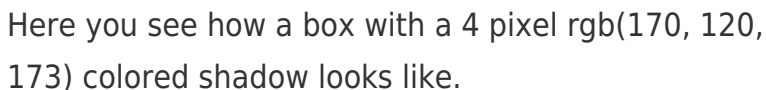
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(170, 120, 173) }
```

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

```
.border{ border-color:rgb(170, 120, 173) }
```

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



Here you see how a box with a 4 pixel `rgb(170, 120, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 120, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 120, 173); box-shadow:4px 4px 4px 4px rgb(170, 120, 173) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 35.161, 324.443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 120, 173) }
```

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

```
.background{ background-color: rgb(170,  
120, 173) }
```

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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