

Converting Colors

CIELCh(57, 31.464, 326.602)

Have a look what the booklet for
CIELCh(57, 31.464, 326.602)
contains.

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Color

CIELCh(57, 31.400, 326.521)

Conversions

Conversions Part 1

Format	Color
Hex	A879A7
RGB	168, 121, 167
RGB Percent	66%, 47%, 65%
CMY	0.3398, 0.5242, 0.3437
CMYK	0.00, 0.28, 0.01, 0.34
HSL	301°, 21%, 57%
HSV	301°, 28%, 66%
XYZ	30.1093, 24.9227, 39.9528
YIQ	140.2970, 13.2460, 24.2700

Conversions

Conversions Part 2

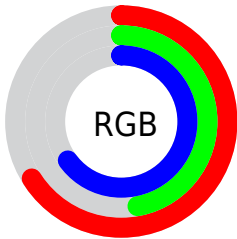
Format	Color
R_{YB}	168, 121, 167
Decimal	11041191
CIE _{Lab}	57.00, 26.19, -17.32
CIE _{LCh}	57, 31.400, 326.521
Yxy	24.9227, 0.3170, 0.2624
Android (android.graphics.Color)	4289231271 (0xFFA879A7)
YUV	140.2970, 13.1646, 24.2955
Hunter-Lab	49.9226, 20.2924, -12.5036

Details

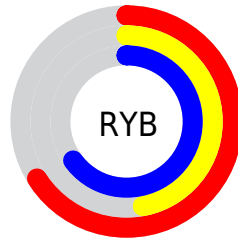
The CIELCh color **57, 31.400, 326.521** is a light color, and the websafe version is hex **996699**. A complement of this color would be **65, 31.391, 143.124**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 31.282, 326.769**, and **37, 31.070, 326.350** is the 20% darker color. If you saturate the color by 10%, you get **53, 42.370, 327.044**, and if you desaturate by 10%, it is **61, 20.155, 325.978**.

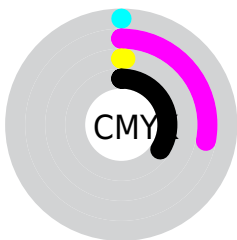
Distribution



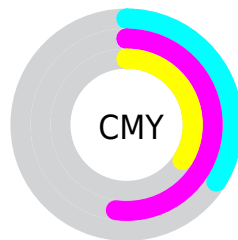
- Red (66%)
- Green (47%)
- Blue (65%)



- Red (66%)
- Yellow (47%)
- Blue (65%)



- Cyan (0%)
- Magenta (28%)
- Yellow (1%)
- Black (34%)





- Cyan (34%)
- Magenta (52%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 31.400, 326.521 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, 31.400, 326.521 by changing the saturation by 10% instead.


 57, 31.400,
326.521


 57, 31.400,
326.521


 100, 31.400,
326.521


 47, 31.400,
326.521


 77, 31.400,
326.521

 37, 31.400,
326.521

 87, 31.400,
326.521

 27, 31.400,
326.521

 97, 31.400,
326.521

 17, 31.400,
326.521

 7, 31.400, 326.521

 0, 31.400, 326.521

57, 31.400,
326.521

57, 31.400,
326.521

53, 42.370,
327.044

61, 20.155,
325.978

50, 52.761,
327.534

65, 8.873, 325.418

46, 62.185,
327.975

70, 2.290, 145.005

44, 70.212,
328.356

74, 13.232,
144.393

42, 76.445,
328.664

79, 23.892,
143.876

41, 80.625,
328.896

84, 34.239,
143.385


40, 82.889,
329.061

88, 44.261,
142.921

40, 83.286,

93, 53.371,
142.516

329.092

 93, 53.222,
142.626

Harmonies

Complementary

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



57, 31.400, 326.521



65, 31.391, 143.124

Rectangle

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



57, 31.400, 326.521



57, 31.400, 16.521



57, 31.400, 146.521



57, 31.400, 196.521

Sweetspot

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



57, 31.398, 326.521



83, 11.104, 325.431



53, 27.289, 294.043



43, 7.886, 325.514



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



57, 31.398, 326.521



70, 47.236, 326.874



56, 22.508, 347.121



33, 6.337, 325.496



35, 75.739, 329.083



2, 11.436, 325.250

Inverse Universe

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



57, 31.398, 326.521



70, 47.236, 326.874



65, 21.691, 162.020



33, 6.337, 325.496



35, 75.739, 329.083



2, 11.436, 325.250

Previews

White Background



This preview shows how the CIELCh color 57, 31.400, 326.521 looks on a white background.

Color Contrast Check

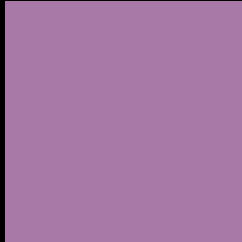
Large Text (above 18pt) WCAG AA ✓ Pass

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, 31.400, 326.521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

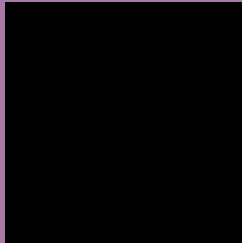
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 31.400, 326.521

Background



This preview shows how black text looks on a background with the CIELCh color 57, 31.400, 326.521.



This preview shows how white text looks on a background with the CIELCh color 57, 31.400, 326.521.

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, 31.400, 326.521

Protanopia

57, 23.517, 284.601

Deuteranopia

57, 17.765, 295.699



Tritanopia
57, 15.893, 0.354

Trichromacy



Original Color
57, 31.400, 326.521

Protanomaly
57, 24.347, 301.219

Deuteranomaly
57, 22.362, 310.555

Tritanomaly
57, 20.627, 342.536

Monochromacy



Original Color
57, 31.400, 326.521

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 11.719, 325.025

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 31.400, 326.521 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(168, 121, 167)` looks like.

```
.text, #text, p{  
    color:rgb(168, 121, 167)  
}
```

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(168, 121, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 121, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 31.400, 326.521 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(168, 121, 167) }
```

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

```
.border{ border-color:rgb(168, 121, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 121, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 121, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 121, 167);  
box-shadow:4px 4px 4px 4px rgb(168, 121,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 31.400, 326.521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 121, 167) }
```

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

```
.background{ background-color: rgb(168,  
121, 167) }
```

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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