

Converting Colors

CIELCh(57, 31.146, 330.575)

Have a look what the booklet for
CIELCh(57, 31.146, 330.575)
contains.

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Color

CIELCh(57, 31.364, 330.198)

Conversions

Conversions Part 1

Format	Color
Hex	AB78A4
RGB	171, 120, 164
RGB Percent	67%, 47%, 64%
CMY	0.3278, 0.5279, 0.3553
CMYK	0.00, 0.30, 0.04, 0.33
HSL	308°, 23%, 57%
HSV	308°, 30%, 67%
XYZ	30.3820, 24.9227, 38.5194
YIQ	140.2650, 16.2720, 24.4960

Conversions

Conversions Part 2

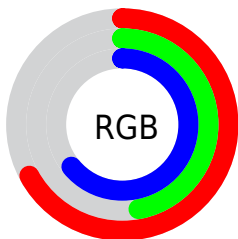
Format	Color
RYB	171, 120, 164
Decimal	11237540
CIELab	57.00, 27.22, -15.59
CIELCh	57, 31.364, 330.198
Yxy	24.9227, 0.3238, 0.2656
Android (android.graphics.Color)	4289427620 (0xFFAB78A4)
YUV	140.2650, 11.7014, 26.9546
Hunter-Lab	49.9226, 21.2672, -10.8013

Details

The CIELCh color **57, 31.364, 330.198** is a light color, and the websafe version is hex **996699**. A complement of this color would be **66, 31.300, 146.291**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 31.291, 330.221**, and **37, 31.634, 330.362** is the 20% darker color. If you saturate the color by 10%, you get **53, 41.601, 330.812**, and if you desaturate by 10%, it is **61, 20.834, 329.588**.

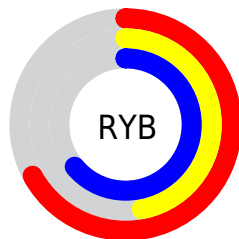
Distribution



Red (67%)

Green (47%)

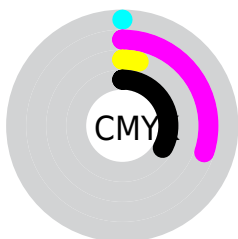
Blue (64%)



Red (67%)

Yellow (47%)

Blue (64%)

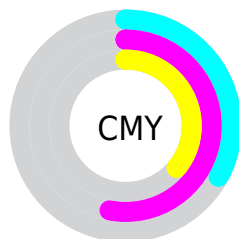


Cyan (0%)

Magenta (30%)

Yellow (4%)

Black (33%)



Cyan (33%)


Magenta (53%)


Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 31.364, 330.198 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, 31.364, 330.198 by changing the saturation by 10% instead.


 57, 31.364,
330.198


 57, 31.364,
330.198


 100, 31.364,
330.198


 47, 31.364,
330.198


 77, 31.364,
330.198

 37, 31.364,
330.198

 87, 31.364,
330.198

 27, 31.364,
330.198

 97, 31.364,
330.198

 17, 31.364,
330.198

 7, 31.364, 330.198

 0, 31.364, 330.198

57, 31.364,
330.198

57, 31.364,
330.198

53, 41.601,
330.812

61, 20.834,
329.588

49, 51.235,
331.423

66, 10.249,
328.979

46, 59.867,
332.031

70, 0.235, 149.531

44, 67.055,
332.635

75, 10.518,
147.887

41, 72.391,
333.242

80, 20.542,
147.337

40, 75.619,
333.868

84, 30.278,
146.820

39, 77.078,
334.524

89, 39.717,
146.330

39, 77.108,

93, 47.399,
146.061

334.539

 93, 46.444,
146.949

Harmonies

Complementary

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



57, 31.364, 330.198



66, 31.300, 146.291

Rectangle

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



57, 31.364, 330.198



57, 31.364, 20.198



57, 31.364, 150.198



57, 31.364, 200.198

Sweetspot

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



57, 31.362, 330.198



83, 11.645, 328.941



53, 29.730, 298.181



44, 8.164, 329.028



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, 31.362, 330.198



69, 46.597, 330.619



56, 22.892, 354.609



34, 5.995, 328.951



34, 70.132, 334.463



2, 12.114, 330.266

Inverse Universe

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



57, 31.362, 330.198



69, 46.597, 330.619



66, 21.414, 168.633



34, 5.995, 328.951



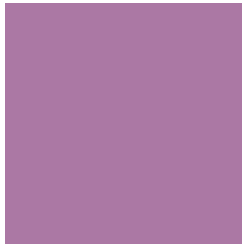
34, 70.132, 334.463



2, 12.114, 330.266

Previews

White Background



This preview shows how the CIELCh color 57, 31.364, 330.198 looks on a white background.

Color Contrast Check

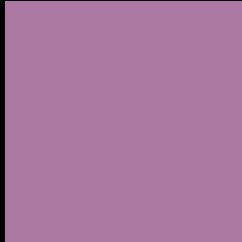
Large Text (above 18pt) WCAG AA ✓ Pass

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, 31.364, 330.198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

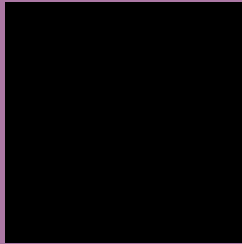
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 31.364, 330.198

Background



This preview shows how black text looks on a background with the CIELCh color 57, 31.364, 330.198.



This preview shows how white text looks on a background with the CIELCh color 57, 31.364, 330.198.

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, 31.364, 330.198

Protanopia
57, 22.359, 284.847

Deuteranopia
57, 16.092, 297.208



Tritanopia
57, 17.846, 3.008

Trichromacy



Original Color
57, 31.364, 330.198

Protanomaly
57, 23.996, 303.935

Deuteranomaly
57, 21.012, 313.943

Tritanomaly
57, 21.583, 346.663

Monochromacy



Original Color
57, 31.364, 330.198

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 11.488, 328.264

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 31.364, 330.198 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, 164)` looks like.

```
.text, #text, p{  
    color:rgb(171, 120, 164)  
}
```

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, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 120, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 31.364, 330.198 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, 164) }
```

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

```
.border{ border-color:rgb(171, 120, 164) }
```

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, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 120, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 120, 164);  
box-shadow:4px 4px 4px 4px rgb(171, 120,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 31.364, 330.198 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, 164) }
```

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

```
.background{ background-color: rgb(171,  
120, 164) }
```

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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