

Converting Colors

CIELCh(57, 21.530, 349.084)

Have a look what the booklet for
CIELCh(57, 21.530, 349.084)
contains.

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Color

CIELCh(57, 21.361, 349.922)

Conversions

Conversions Part 1

Format	Color
Hex	AA7C90
RGB	170, 124, 144
RGB Percent	67%, 49%, 56%
CMY	0.3339, 0.5142, 0.4358
CMYK	0.00, 0.27, 0.15, 0.33
HSL	334°, 21%, 58%
HSV	334°, 27%, 67%
XYZ	28.7627, 24.9227, 29.6268
YIQ	140.0340, 20.9960, 15.9720

Conversions

Conversions Part 2

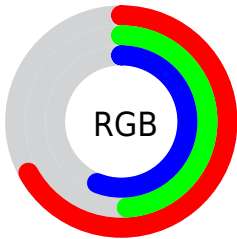
Format	Color
R _Y B	170, 124, 144
Decimal	11173008
CIE Lab	57.00, 21.03, -3.74
CIE LCh	57, 21.361, 349.922
Yxy	24.9227, 0.3452, 0.2991
Android (android.graphics.Color)	4289363088 (0xFFAA7C90)
YUV	140.0340, 1.9552, 26.2802
Hunter-Lab	49.9226, 15.4776, -0.2401

Details

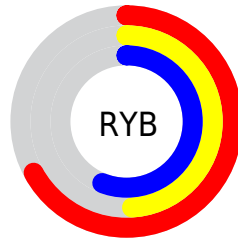
The CIELCh color $57, 21.361, 349.922$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $66, 20.417, 164.807$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 21.403, 349.749$, and $37, 21.160, 349.756$ is the 20% darker color. If you saturate the color by 10%, you get $53, 29.386, 351.156$, and if you desaturate by 10%, it is $62, 13.334, 348.846$.

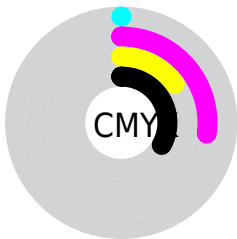
Distribution



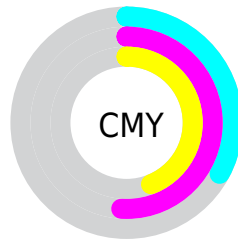
- Red (67%)
- Green (49%)
- Blue (56%)



- Red (67%)
- Yellow (49%)
- Blue (56%)



- Cyan (0%)
- Magenta (27%)
- Yellow (15%)
- Black (33%)





- Cyan (33%)
- Magenta (51%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 21.361, 349.922 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, 21.361, 349.922 by changing the saturation by 10% instead.


 57, 21.361,
349.922


 57, 21.361,
349.922


 100, 21.361,
349.922


 47, 21.361,
349.922


 77, 21.361,
349.922

 37, 21.361,
349.922

 87, 21.361,
349.922

 27, 21.361,
349.922

 97, 21.361,
349.922

 17, 21.361,
349.922

 7, 21.361, 349.922

 0, 21.361, 349.922

■ 57, 21.361,
349.922

■ 57, 21.361,
349.922

■ 53, 29.386,
351.156

■ 62, 13.334,
348.846

■ 49, 37.199,
352.599

■ 66, 5.451, 347.862

■ 71, 2.210, 167.259

■ 45, 44.496,
354.331

■ 76, 9.609, 166.362

■ 42, 50.899,
356.459

■ 81, 16.732,
165.648

■ 39, 56.021,
359.128

■ 86, 23.582,
165.001


■ 37, 59.592, 2.503

■ 90, 30.171,
164.407

■ 36, 61.706, 6.686

■ 94, 33.903,
165.868

■ 36, 62.288, 7.951

 94, 31.125,
173.256

Harmonies

Complementary

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



57, 21.361, 349.922



66, 20.417, 164.807

Rectangle

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



57, 21.361, 349.922



57, 21.361, 39.922



57, 21.361, 169.922



57, 21.361, 219.922

Sweetspot

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



57, 21.359, 349.924



84, 7.671, 347.967



56, 28.017, 312.010



44, 5.507, 348.111



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, 21.359, 349.924



70, 31.476, 350.580



57, 18.351, 25.384



33, 4.341, 348.078



31, 56.249, 7.340



2, 7.525, 351.026

Inverse Universe

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



57, 21.359, 349.924



70, 31.476, 350.580



66, 15.260, 202.978



33, 4.341, 348.078



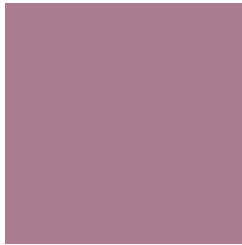
31, 56.249, 7.340



2, 7.525, 351.026

Previews

White Background



This preview shows how the CIELCh color 57, 21.361, 349.922 looks on a white background.

Color Contrast Check

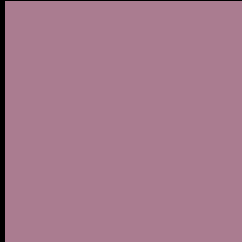
Large Text (above 18pt) WCAG AA ✓ Pass

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, 21.361, 349.922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

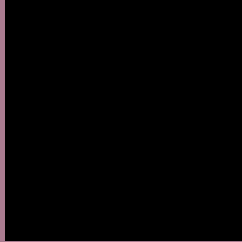
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 21.361, 349.922

Background



This preview shows how black text looks on a background with the CIELCh color 57, 21.361, 349.922.



This preview shows how white text looks on a background with the CIELCh color 57, 21.361, 349.922.

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, 21.361, 349.922

Protanopia
57, 8.564, 288.680

Deuteranopia
57, 7.831, 339.341



Tritanopia
57, 18.654, 3.944

Trichromacy



Original Color
57, 21.361, 349.922

Protanomaly
57, 11.068, 324.999

Deuteranomaly
57, 12.641, 345.034

Tritanomaly
57, 19.097, 359.006

Monochromacy



Original Color
57, 21.361, 349.922

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 7.814, 349.649

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 21.361, 349.922 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, 124, 144)` looks like.

```
.text, #text, p{  
    color:rgb(170, 124, 144)  
}
```

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, 124, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 124, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 21.361, 349.922 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, 124, 144) }
```

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

```
.border{ border-color:rgb(170, 124, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 124, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 124, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 124, 144);  
box-shadow:4px 4px 4px 4px rgb(170, 124,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 21.361, 349.922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 124, 144) }
```

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

```
.background{ background-color: rgb(170,  
124, 144) }
```

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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