

Converting Colors

CIELCh(67, 5.450, 60.279)

Have a look what the booklet for
CIELCh(67, 5.450, 60.279) contains.

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Color

CIELCh(67, 5.406, 57.213)

Conversions

Conversions Part 1

Format	Color
Hex	ACA19B
RGB	172, 161, 155
RGB Percent	67%, 63%, 61%
CMY	0.3254, 0.3686, 0.3921
CMYK	0.00, 0.06, 0.10, 0.33
HSL	21°, 9%, 64%
HSV	21°, 10%, 67%
XYZ	35.6793, 36.6320, 36.2052
YIQ	163.6050, 8.4820, 0.4660

Conversions

Conversions Part 2

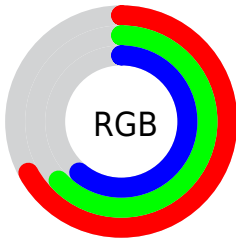
Format	Color
RYB	172, 164, 155
Decimal	11313563
CIELab	67.00, 2.93, 4.54
CIELCh	67, 5.406, 57.213
Yxy	36.6320, 0.3288, 0.3376
Android (android.graphics.Color)	4289503643 (0xFFACA19B)
YUV	163.6050, -4.2423, 7.3624
Hunter-Lab	60.5244, -0.6913, 6.9002

Details

The CIELCh color $67, 5.406, 57.213$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $67, 5.165, 239.173$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 5.434, 61.675$, and $47, 5.502, 59.603$ is the 20% darker color. If you saturate the color by 10%, you get $64, 11.258, 56.456$, and if you desaturate by 10%, it is $70, 0.067, 244.489$.

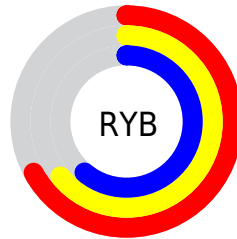
Distribution



Red (67%)

Green (63%)

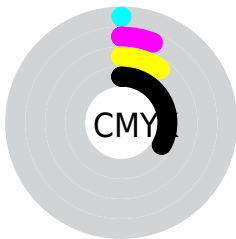
Blue (61%)



Red (67%)

Yellow (64%)

Blue (61%)

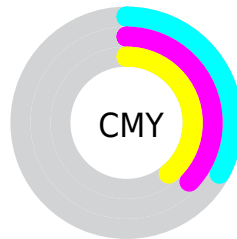


Cyan (0%)

Magenta (6%)

Yellow (10%)

Black (33%)



Cyan (33%)

Magenta (37%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 5.406, 57.213 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 67, 5.406, 57.213 by changing the saturation by 10% instead.

■ 67, 5.406, 57.213

■ 67, 5.406, 57.213

■ 100, 5.406, 57.213

■ 57, 5.406, 57.213

■ 87, 5.406, 57.213

■ 47, 5.406, 57.213

■ 97, 5.406, 57.213

■ 37, 5.406, 57.213

■ 27, 5.406, 57.213

■ 17, 5.406, 57.213

■ 7, 5.406, 57.213

■ 0, 5.406, 57.213

■ 67, 5.406, 57.213

■ 67, 5.406, 57.213

■ 64, 11.258, 56.456

■ 70, 0.067, 244.489

60, 17.525, 55.696

74, 5.200, 239.112

57, 24.237, 54.990

77, 10.033,
239.943

54, 31.401, 54.354

81, 14.601,
240.795

51, 38.984, 53.789

48, 46.865, 53.261

84, 18.936,
241.640

46, 54.751, 52.660

88, 22.106,
238.858

43, 62.007, 51.723

41, 68.167, 50.437

91, 22.358,
220.282

94, 24.663,
203.917

95, 26.208,
197.801

Harmonies

Complementary

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



67, 5.406, 57.213



67, 5.165, 239.173

Rectangle

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



67, 5.406, 57.213



67, 5.406, 107.213



67, 5.406, 237.213



67, 5.406, 287.213

Sweetspot

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



67, 5.406, 57.236



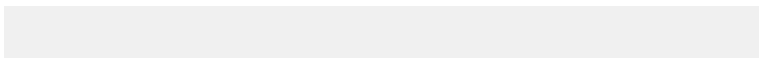
88, 1.988, 57.632



66, 8.942, 337.045



46, 1.510, 57.619



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



67, 5.406, 57.236



84, 8.215, 57.057



69, 7.948, 102.177



35, 3.111, 57.279



36, 61.605, 50.834



3, 6.406, 50.069

Inverse Universe

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



67, 5.165, 239.173



85, 7.755, 239.409



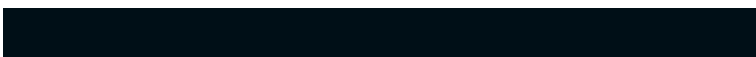
65, 8.069, 284.385



35, 2.981, 239.118



39, 35.875, 264.442



4, 6.618, 249.567

Previews

White Background



This preview shows how the CIELCh color 67, 5.406, 57.213 looks on a white background.

Color Contrast Check

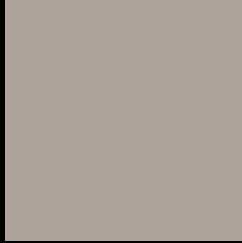
Large Text (above 18pt) WCAG AA × Fail

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 67, 5.406, 57.213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

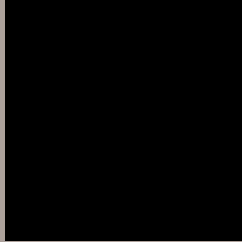
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 5.406, 57.213

Background



This preview shows how black text looks on a background with the CIELCh color 67, 5.406, 57.213.



This preview shows how white text looks on a background with the CIELCh color 67, 5.406, 57.213.

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


67, 5.406, 57.213

Protanopia

67, 4.025, 74.488

Deuteranopia

67, 9.502, 26.825



Tritanopia
67, 8.755, 331.024

Trichromacy



Original Color
67, 5.406, 57.213

Protanomaly
67, 4.261, 70.183

Deuteranomaly
67, 7.625, 32.461

Tritanomaly
67, 5.701, 350.973

Monochromacy



Original Color
67, 5.406, 57.213

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 1.874, 55.191

CSS Examples

Text

The CSS property to change the color of the text to CIElCh 67, 5.406, 57.213 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(172, 161, 155)` looks like.

```
.text, #text, p{  
    color:rgb(172, 161, 155)  
}
```

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(172, 161, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 161, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 5.406, 57.213 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(172, 161, 155) }
```

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

```
.border{ border-color:rgb(172, 161, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 161, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 161, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 161, 155);  
box-shadow:4px 4px 4px 4px rgb(172, 161,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 5.406, 57.213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 161, 155) }
```

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

```
.background{ background-color: rgb(172,  
161, 155) }
```

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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