

Converting Colors

CIELCh(66, 5.755, 35.355)

Have a look what the booklet for
CIELCh(66, 5.755, 35.355) contains.

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Color

CIELCh(66, 5.956, 30.512)

Conversions

Conversions Part 1

Format	Color
Hex	AC9D9B
RGB	172, 157, 155
RGB Percent	67%, 62%, 61%
CMY	0.3249, 0.3837, 0.3916
CMYK	0.00, 0.09, 0.10, 0.32
HSL	7°, 9%, 64%
HSV	7°, 10%, 68%
XYZ	35.0578, 35.3238, 36.0461
YIQ	161.2570, 9.5820, 2.5580

Conversions

Conversions Part 2

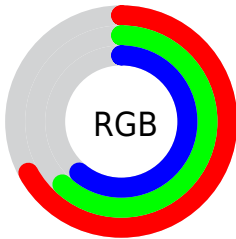
Format	Color
R_{YB}	172, 157, 155
Decimal	11312539
CIE Lab	66.00, 5.13, 3.02
CIE LCh	66, 5.956, 30.512
Yxy	35.3238, 0.3294, 0.3319
Android (android.graphics.Color)	4289502619 (0xFFAC9D9B)
YUV	161.2570, -3.0847, 9.4216
Hunter-Lab	59.4338, 1.2813, 5.6449

Details

The CIELCh color **66, 5.956, 30.512** is a light color, and the websafe version is hex **999999**. A complement of this color would be **69, 5.591, 210.425**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 5.731, 35.550**, and **46, 6.024, 31.337** is the 20% darker color. If you saturate the color by 10%, you get **62, 12.486, 30.886**, and if you desaturate by 10%, it is **70, 0.072, 217.336**.

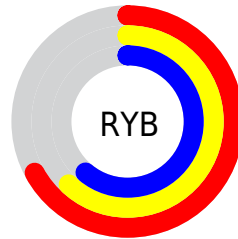
Distribution



Red (67%)

Green (62%)

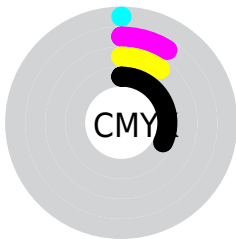
Blue (61%)



Red (67%)

Yellow (62%)

Blue (61%)

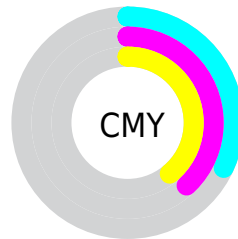


Cyan (0%)

Magenta (9%)

Yellow (10%)

Black (32%)



Cyan (32%)

Magenta (38%)

Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 5.956, 30.512 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 66, 5.956, 30.512 by changing the saturation by 10% instead.

 66, 5.956, 30.512  66, 5.956, 30.512

 100, 5.956, 30.512  56, 5.956, 30.512

 86, 5.956, 30.512  46, 5.956, 30.512

 96, 5.956, 30.512  36, 5.956, 30.512

 26, 5.956, 30.512

 16, 5.956, 30.512

 6, 5.956, 30.512

 0, 5.956, 30.512

 66, 5.956, 30.512  66, 5.956, 30.512

 62, 12.486, 30.886  70, 0.072, 217.336

57, 19.552, 31.383

75, 5.638, 210.434

53, 27.166, 32.092

80, 10.791,
210.379

49, 35.299, 33.076

84, 15.579,
210.407

46, 43.866, 34.389

43, 52.695, 36.055

89, 20.045,
210.481

40, 61.453, 37.997

93, 24.145,
206.279

38, 69.441, 39.881

37, 75.894, 41.526

95, 26.169,
197.804

Harmonies

Complementary

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



66, 5.956, 30.512



69, 5.591, 210.425

Rectangle

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



66, 5.956, 30.512



66, 5.956, 80.512



66, 5.956, 210.512



66, 5.956, 260.512

Sweetspot

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



66, 5.955, 30.530



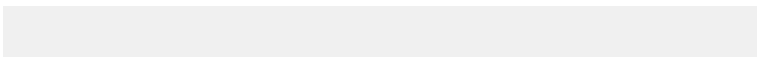
88, 2.182, 30.200



66, 10.554, 328.327



46, 1.658, 30.270



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



66, 5.955, 30.530



83, 9.061, 30.607



68, 6.273, 85.650



34, 3.425, 30.511



32, 68.264, 41.418



2, 7.121, 28.212

Inverse Universe

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



69, 5.591, 210.425



87, 8.374, 210.399



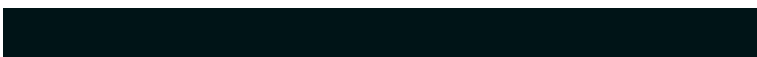
66, 6.234, 268.255



36, 3.228, 210.433



51, 29.788, 217.452



5, 6.747, 215.696

Previews

White Background



This preview shows how the CIELCh color 66, 5.956, 30.512 looks on a white background.

Color Contrast Check

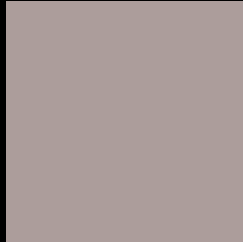
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 66, 5.956, 30.512 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

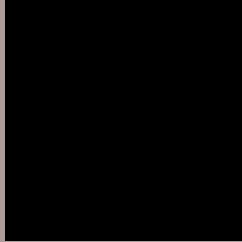
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 5.956, 30.512

Background



This preview shows how black text looks on a background with the CIELCh color 66, 5.956, 30.512.



This preview shows how white text looks on a background with the CIELCh color 66, 5.956, 30.512.

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


66, 5.956, 30.512

Protanopia

66, 2.248, 66.695

Deuteranopia

66, 9.024, 16.711



Tritanopia
66, 9.853, 337.950

Trichromacy



Original Color
66, 5.956, 30.512

Protanomaly
66, 3.502, 47.715

Deuteranomaly
66, 7.819, 20.072

Tritanomaly
66, 7.606, 349.519

Monochromacy



Original Color
66, 5.956, 30.512

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 1.991, 35.427

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 5.956, 30.512 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, 157, 155)` looks like.

```
.text, #text, p{  
    color:rgb(172, 157, 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, 157, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 157, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 5.956, 30.512 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, 157, 155) }
```

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

```
.border{ border-color:rgb(172, 157, 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, 157, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 157, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 157, 155);  
box-shadow:4px 4px 4px 4px rgb(172, 157,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 5.956, 30.512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 157, 155) }
```

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

```
.background{ background-color: rgb(172,  
157, 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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