

Converting Colors

CIELCh(66, 9.506, 69.220)

Have a look what the booklet for
CIELCh(66, 9.506, 69.220) contains.

CIELCh(66, 9.359, 69.551)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(66, 9.359, 69.551)

Conversions

Conversions Part 1

Format	Color
Hex	AD9E91
RGB	173, 158, 145
RGB Percent	68%, 62%, 57%
CMY	0.3220, 0.3808, 0.4318
CMYK	0.00, 0.09, 0.16, 0.32
HSL	28°, 15%, 62%
HSV	28°, 16%, 68%
XYZ	34.5147, 35.3238, 31.7395
YIQ	161.0030, 13.1130, -0.8630

Conversions

Conversions Part 2

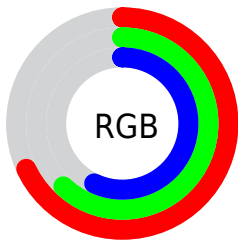
Format	Color
RYB	173, 169, 145
Decimal	11378321
CIELab	66.00, 3.27, 8.77
CIELCh	66, 9.359, 69.551
Yxy	35.3238, 0.3398, 0.3478
Android (android.graphics.Color)	4289568401 (0xFFAD9E91)
YUV	161.0030, -7.8895, 10.5214
Hunter-Lab	59.4338, -0.3500, 9.9410

Details

The CIELCh color $66, 9.359, 69.551$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $65, 8.901, 253.630$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 9.457, 70.137$, and $46, 9.093, 70.810$ is the 20% darker color. If you saturate the color by 10%, you get $63, 15.544, 68.416$, and if you desaturate by 10%, it is $69, 3.486, 70.658$.

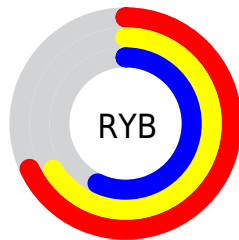
Distribution



Red (68%)

Green (62%)

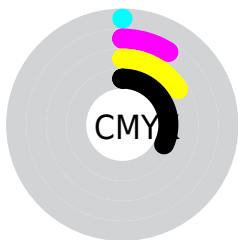
Blue (57%)



Red (68%)

Yellow (66%)

Blue (57%)

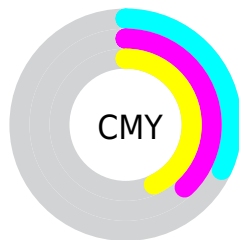


Cyan (0%)

Magenta (9%)

Yellow (16%)

Black (32%)



Cyan (32%)


Magenta (38%)

Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 9.359, 69.551 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, 9.359, 69.551 by changing the saturation by 10% instead.

 66, 9.359, 69.551  66, 9.359, 69.551

 100, 9.359, 69.551  56, 9.359, 69.551

 86, 9.359, 69.551  46, 9.359, 69.551

 96, 9.359, 69.551  36, 9.359, 69.551

 26, 9.359, 69.551

 16, 9.359, 69.551

 6, 9.359, 69.551

 0, 9.359, 69.551

 66, 9.359, 69.551  66, 9.359, 69.551

 63, 15.544, 68.416  69, 3.486, 70.658

60, 22.058, 67.260

72, 2.101, 252.071

58, 28.904, 66.107

75, 7.433, 253.068

55, 36.045, 64.952

78, 12.537,
254.138

53, 43.374, 63.766

81, 17.440,
255.184

50, 50.637, 62.470

48, 57.325, 60.883

84, 22.166,
256.196

46, 62.658, 58.714

86, 22.575,
247.651

45, 64.630, 57.955

89, 21.733,
232.178

91, 22.455,
216.817

Harmonies

Complementary

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



66, 9.359, 69.551



65, 8.901, 253.630

Rectangle

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



66, 9.359, 69.551



66, 9.359, 119.551



66, 9.359, 249.551



66, 9.359, 299.551

Sweetspot

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



66, 9.359, 69.564



88, 3.469, 70.763



63, 13.799, 342.336



46, 2.368, 70.699



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, 9.359, 69.564



83, 13.689, 69.206



70, 14.488, 106.496



35, 3.222, 70.334



39, 58.188, 58.414



4, 6.434, 61.349

Inverse Universe

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



65, 8.901, 253.630



81, 12.875, 254.110



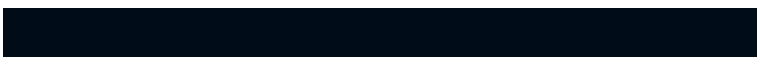
61, 14.969, 289.907



35, 3.137, 252.682



34, 44.657, 279.520



3, 7.169, 261.418

Previews

White Background



This preview shows how the CIELCh color 66, 9.359, 69.551 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, 9.359, 69.551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

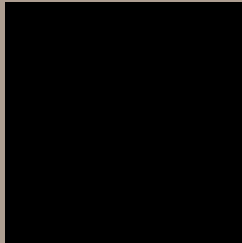
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 9.359, 69.551

Background



This preview shows how black text looks on a background with the CIELCh color 66, 9.359, 69.551.



This preview shows how white text looks on a background with the CIELCh color 66, 9.359, 69.551.

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, 9.359, 69.551

Protanopia

66, 8.197, 89.559

Deuteranopia

66, 11.601, 45.435



Tritanopia
66, 10.429, 340.887

Trichromacy



Original Color
66, 9.359, 69.551

Protanomaly
66, 8.196, 80.403

Deuteranomaly
66, 10.427, 51.852

Tritanomaly
66, 7.560, 7.433

Monochromacy



Original Color
66, 9.359, 69.551

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 3.356, 74.604

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 9.359, 69.551 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(173, 158, 145)` looks like.

```
.text, #text, p{  
    color:rgb(173, 158, 145)  
}
```

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(173, 158, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 158, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 9.359, 69.551 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(173, 158, 145) }
```

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

```
.border{ border-color:rgb(173, 158, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 158, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 158, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 158, 145);  
box-shadow:4px 4px 4px 4px rgb(173, 158,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 9.359, 69.551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 158, 145) }
```

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

```
.background{ background-color: rgb(173,  
158, 145) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor