

Converting Colors

CIELCh(66, 5.513, 339.745)

Have a look what the booklet for
CIELCh(66, 5.513, 339.745) contains.

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Color

CIELCh(66, 5.739, 337.388)

Conversions

Conversions Part 1

Format	Color
Hex	A89DA4
RGB	168, 157, 164
RGB Percent	66%, 62%, 64%
CMY	0.3395, 0.3826, 0.3552
CMYK	0.00, 0.07, 0.02, 0.34
HSL	322°, 6%, 64%
HSV	322°, 7%, 66%
XYZ	35.1067, 35.3238, 40.2908
YIQ	161.0870, 4.3090, 4.5090

Conversions

Conversions Part 2

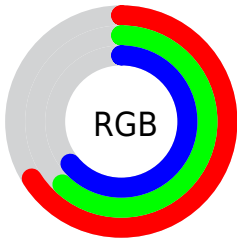
Format	Color
R_{YB}	168, 157, 164
Decimal	11050404
CIE Lab	66.00, 5.30, -2.21
CIE LCh	66, 5.739, 337.388
Yxy	35.3238, 0.3171, 0.3190
Android (android.graphics.Color)	4289240484 (0xFFA89DA4)
YUV	161.0870, 1.4361, 6.0627
Hunter-Lab	59.4338, 1.4281, 1.4104

Details

The CIELCh color $66, 5.739, 337.388$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 5.703, 156.570$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 5.437, 337.262$, and $46, 5.447, 339.203$ is the 20% darker color. If you saturate the color by 10%, you get $61, 14.636, 338.176$, and if you desaturate by 10%, it is $71, 3.000, 156.854$.

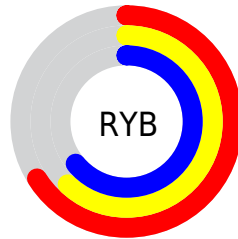
Distribution



Red (66%)

Green (62%)

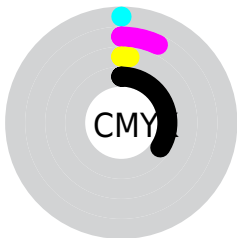
Blue (64%)



Red (66%)

Yellow (62%)

Blue (64%)

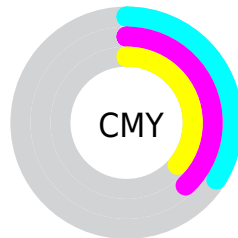


Cyan (0%)

Magenta (7%)

Yellow (2%)

Black (34%)



Cyan (34%)

Magenta (38%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 5.739, 337.388 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, 5.739, 337.388 by changing the saturation by 10% instead.

■ 66, 5.739, 337.388

■ 66, 5.739, 337.388

■ 100, 5.739,
337.388

■ 56, 5.739, 337.388

■ 86, 5.739, 337.388

■ 46, 5.739, 337.388

■ 96, 5.739, 337.388

■ 36, 5.739, 337.388

■ 26, 5.739, 337.388

■ 16, 5.739, 337.388

■ 6, 5.739, 337.388

■ 0, 5.739, 337.388

■ 66, 5.739, 337.388

■ 66, 5.739, 337.388

■ 61, 14.636,

■ 71, 3.000, 156.854

338.176

75, 11.515,
156.125

57, 23.589,
338.995

80, 19.778,
155.504

53, 32.428,
339.883

85, 27.778,
154.928

49, 40.902,
340.863

90, 35.519,
154.390

45, 48.673,
341.965

94, 41.007,
154.612

42, 55.329,
343.237

94, 38.761,
157.838

40, 60.439,
344.745

94, 36.622,
161.430

38, 63.665,
346.578

94, 34.614,
165.431

37, 64.975,
348.824

Harmonies

Complementary

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



66, 5.739, 337.388



68, 5.703, 156.570

Rectangle

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



66, 5.739, 337.388



66, 5.739, 27.388



66, 5.739, 157.388



66, 5.739, 207.388

Sweetspot

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



66, 5.737, 337.392



86, 2.172, 336.950



66, 6.302, 304.002



46, 1.233, 336.931



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



66, 5.737, 337.392



83, 8.721, 337.520



66, 4.344, 7.595



33, 4.979, 337.609



32, 59.451, 349.337



2, 8.522, 340.630

Inverse Universe

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



66, 5.737, 337.392



83, 8.721, 337.520



68, 4.218, 186.707



33, 4.979, 337.609



32, 59.451, 349.337



2, 8.522, 340.630

Previews

White Background



This preview shows how the CIELCh color 66, 5.739, 337.388 looks on a white background.

Color Contrast Check

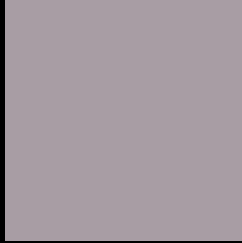
Large Text (above 18pt) WCAG AA × Fail

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, 5.739, 337.388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

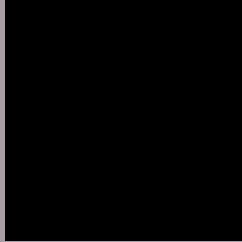
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

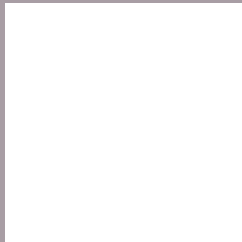
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 5.739, 337.388

Background



This preview shows how black text looks on a background with the CIELCh color 66, 5.739, 337.388.



This preview shows how white text looks on a background with the CIELCh color 66, 5.739, 337.388.

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, 5.739, 337.388

Protanopia

66, 3.424, 303.225

Deuteranopia

66, 9.159, 343.104



Tritanopia
66, 8.084, 324.796

Trichromacy



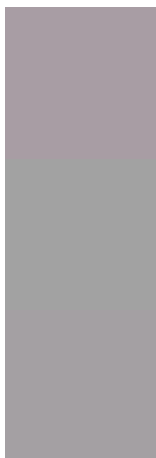
Original Color
66, 5.739, 337.388

Protanomaly
66, 3.850, 319.911

Deuteranomaly
66, 7.910, 341.107

Tritanomaly
66, 7.203, 329.775

Monochromacy



Original Color
66, 5.739, 337.388

Achromatopsia
67, 0.008, 296.813

Achromatomaly
66, 2.270, 332.371

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 5.739, 337.388 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(168, 157, 164)` looks like.

```
.text, #text, p{  
    color:rgb(168, 157, 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(168, 157, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 157, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 5.739, 337.388 is called "border". The border property can be set on classes, ids or directly on the HTML element.

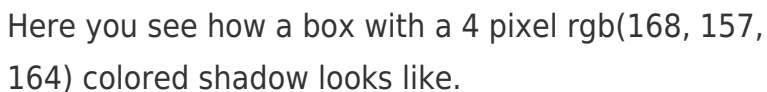
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 157, 164) }
```

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

```
.border{ border-color:rgb(168, 157, 164) }
```

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



Here you see how a box with a 4 pixel `rgb(168, 157, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 157, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 157, 164); box-shadow:4px 4px 4px 4px rgb(168, 157, 164) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 5.739, 337.388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 157, 164) }
```

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

```
.background{ background-color: rgb(168,  
157, 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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