

Converting Colors

CIELCh(66, 5.796, 78.324)

Have a look what the booklet for
CIELCh(66, 5.796, 78.324) contains.

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Color

CIELCh(66, 5.867, 77.240)

Conversions

Conversions Part 1

Format	Color
Hex	A79F96
RGB	167, 159, 150
RGB Percent	65%, 62%, 59%
CMY	0.3442, 0.3756, 0.4109
CMYK	0.00, 0.05, 0.10, 0.34
HSL	32°, 9%, 62%
HSV	32°, 10%, 66%
XYZ	33.9449, 35.3238, 33.9781
YIQ	160.3660, 7.6570, -1.1030

Conversions

Conversions Part 2

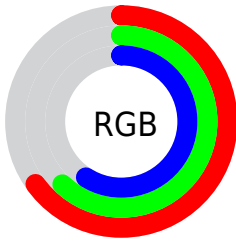
Format	Color
R_{YB}	165, 167, 150
Decimal	10985366
CIE _{Lab}	66.00, 1.30, 5.72
CIE _{LCh}	66, 5.867, 77.240
Yxy	35.3238, 0.3288, 0.3421
Android (android.graphics.Color)	4289175446 (0xFFA79F96)
YUV	160.3660, -5.1104, 5.8180
Hunter-Lab	59.4338, -2.0613, 7.7079

Details

The CIELCh color $66, 5.867, 77.240$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $65, 5.758, 259.935$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 5.988, 80.108$, and $46, 6.099, 80.161$ is the 20% darker color. If you saturate the color by 10%, you get $64, 11.884, 76.031$, and if you desaturate by 10%, it is $69, 0.089, 75.128$.

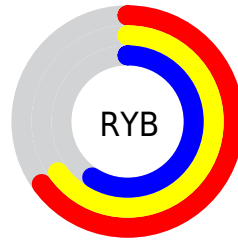
Distribution



Red (65%)

Green (62%)

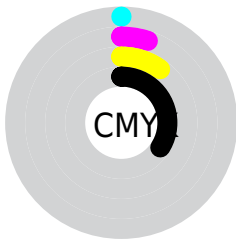
Blue (59%)



Red (65%)

Yellow (65%)

Blue (59%)

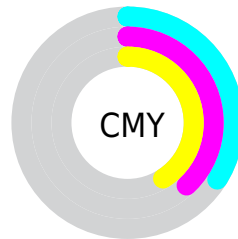


Cyan (0%)

Magenta (5%)

Yellow (10%)

Black (34%)



Cyan (34%)

Magenta (38%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 5.867, 77.240 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, 5.867, 77.240 by changing the saturation by 10% instead.

■ 66, 5.867, 77.240

■ 66, 5.867, 77.240

■ 100, 5.867, 77.240

■ 56, 5.867, 77.240

■ 86, 5.867, 77.240

■ 46, 5.867, 77.240

■ 96, 5.867, 77.240

■ 36, 5.867, 77.240

■ 26, 5.867, 77.240

■ 16, 5.867, 77.240

■ 6, 5.867, 77.240

■ 0, 5.867, 77.240

■ 66, 5.867, 77.240

■ 66, 5.867, 77.240

■ 64, 11.884, 76.031

■ 69, 0.089, 75.128

61, 18.150, 74.762

71, 5.473, 259.780

59, 24.668, 73.469

74, 10.839,
260.902

56, 31.412, 72.152

76, 16.029,
262.000

54, 38.305, 70.797

52, 45.171, 69.359

79, 21.063,
263.056

50, 51.658, 67.737

82, 25.958,
264.066

48, 57.146, 65.724

46, 61.387, 63.382

84, 25.430,
256.950

86, 23.734,
245.514

88, 23.059,
233.038

Harmonies

Complementary

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



66, 5.867, 77.240



65, 5.758, 259.935

Rectangle

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



66, 5.867, 77.240



66, 5.867, 127.240



66, 5.867, 257.240



66, 5.867, 307.240

Sweetspot

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



66, 5.868, 77.259



86, 2.103, 78.011



64, 8.016, 345.364



46, 1.610, 77.951



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, 5.868, 77.259



83, 8.589, 77.013



68, 9.314, 109.896



34, 3.277, 77.363



41, 56.005, 63.788



4, 5.601, 70.552

Inverse Universe

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



65, 5.758, 259.935



81, 8.387, 260.222



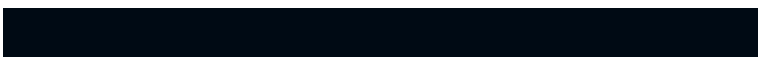
63, 9.533, 291.844



34, 3.222, 259.817



31, 50.110, 286.013



2, 6.248, 264.977

Previews

White Background



This preview shows how the CIELCh color 66, 5.867, 77.240 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, 5.867, 77.240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

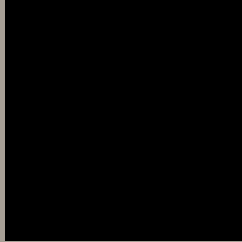
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 5.867, 77.240

Background



This preview shows how black text looks on a background with the CIELCh color 66, 5.867, 77.240.

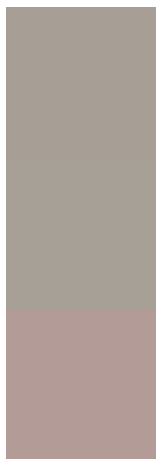


This preview shows how white text looks on a background with the CIELCh color 66, 5.867, 77.240.

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, 5.867, 77.240

Protanopia

66, 5.480, 84.252

Deuteranopia

66, 9.778, 33.196



Tritanopia
66, 8.979, 326.855

Trichromacy



Original Color
66, 5.867, 77.240

Protanomaly
66, 5.480, 84.252

Deuteranomaly
66, 7.848, 44.803

Tritanomaly
66, 5.387, 348.948

Monochromacy



Original Color
66, 5.867, 77.240

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 2.005, 74.827

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 5.867, 77.240 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(167, 159, 150)` looks like.

```
.text, #text, p{  
    color:rgb(167, 159, 150)  
}
```

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(167, 159, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 159, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 5.867, 77.240 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(167, 159, 150) }
```

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

```
.border{ border-color:rgb(167, 159, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 159, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 159, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 159, 150);  
box-shadow:4px 4px 4px 4px rgb(167, 159,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 5.867, 77.240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 159, 150) }
```

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

```
.background{ background-color: rgb(167,  
159, 150) }
```

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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