

Converting Colors

CIELCh(66, 7.487, 337.804)

Have a look what the booklet for
CIELCh(66, 7.487, 337.804) contains.

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Color

CIELCh(66, 7.986, 336.235)

Conversions

Conversions Part 1

Format	Color
Hex	AB9CA6
RGB	171, 156, 166
RGB Percent	67%, 61%, 65%
CMY	0.3283, 0.3871, 0.3479
CMYK	0.00, 0.09, 0.03, 0.33
HSL	320°, 8%, 64%
HSV	320°, 9%, 67%
XYZ	35.7004, 35.3238, 41.1484
YIQ	161.6250, 5.7300, 6.2900

Conversions

Conversions Part 2

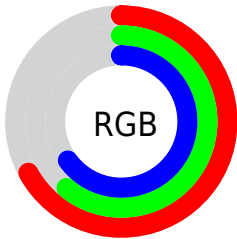
Format	Color
RYB	171, 156, 166
Decimal	11246758
CIELab	66.00, 7.31, -3.22
CIElCh	66, 7.986, 336.235
Yxy	35.3238, 0.3183, 0.3149
Android (android.graphics.Color)	4289436838 (0xFFAB9CA6)
YUV	161.6250, 2.1569, 8.2219
Hunter-Lab	59.4338, 3.2112, 0.5549

Details

The CIELCh color $66, 7.986, 336.235$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $69, 7.938, 155.087$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 8.198, 335.238$, and $46, 7.845, 337.477$ is the 20% darker color. If you saturate the color by 10%, you get $61, 17.218, 336.995$, and if you desaturate by 10%, it is $71, 1.112, 155.868$.

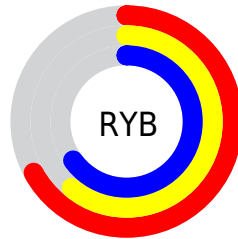
Distribution



Red (67%)

Green (61%)

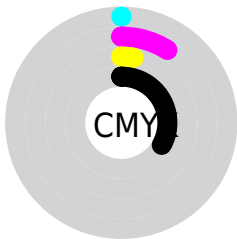
Blue (65%)



Red (67%)

Yellow (61%)

Blue (65%)

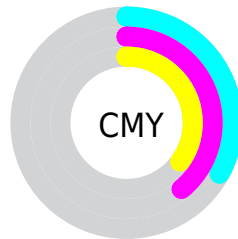


Cyan (0%)

Magenta (9%)

Yellow (3%)

Black (33%)



Cyan (33%)

Magenta (39%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 7.986, 336.235 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, 7.986, 336.235 by changing the saturation by 10% instead.

66, 7.986, 336.235

66, 7.986, 336.235

100, 7.986,
336.235

56, 7.986, 336.235

86, 7.986, 336.235

46, 7.986, 336.235

96, 7.986, 336.235

36, 7.986, 336.235

26, 7.986, 336.235

16, 7.986, 336.235

6, 7.986, 336.235

0, 7.986, 336.235

66, 7.986, 336.235

66, 7.986, 336.235

61, 17.218,

71, 1.112, 155.868

336.995

75, 9.997, 154.974

57, 26.464,
337.792

80, 18.630,
154.354

53, 35.528,
338.652

85, 26.997,
153.779

49, 44.132,
339.593

90, 35.098,
153.242

46, 51.907,
340.644

94, 40.592,
153.516

43, 58.419,
341.848

94, 38.467,
156.492

40, 63.239,
343.264

94, 36.431,
159.790

39, 66.065,
344.973

94, 34.503,
163.448

38, 67.092,
347.019

Harmonies

Complementary

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



66, 7.986, 336.235



69, 7.938, 155.087

Rectangle

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



66, 7.986, 336.235



66, 7.986, 26.235



66, 7.986, 156.235



66, 7.986, 206.235

Sweetspot

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



66, 7.984, 336.238



87, 3.361, 335.766



65, 8.574, 303.524



46, 2.569, 335.844



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, 7.984, 336.238



82, 12.400, 336.421



66, 5.972, 6.533



34, 5.215, 336.279



33, 61.204, 347.012



2, 10.224, 339.903

Inverse Universe

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



66, 7.984, 336.238



82, 12.400, 336.421



69, 5.752, 185.164



34, 5.215, 336.279



33, 61.204, 347.012



2, 10.224, 339.903

Previews

White Background



This preview shows how the CIELCh color 66, 7.986, 336.235 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, 7.986, 336.235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

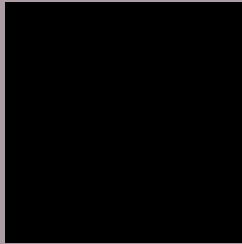
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 7.986, 336.235

Background



This preview shows how black text looks on a background with the CIELCh color 66, 7.986, 336.235.



This preview shows how white text looks on a background with the CIELCh color 66, 7.986, 336.235.

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, 7.986, 336.235

Protanopia

66, 4.458, 295.458

Deuteranopia

66, 8.552, 339.889



Tritanopia
66, 9.035, 332.903

Trichromacy



Original Color
66, 7.986, 336.235

Protanomaly
66, 5.005, 317.460

Deuteranomaly
66, 8.265, 338.121

Tritanomaly
66, 8.641, 335.393

Monochromacy



Original Color
66, 7.986, 336.235

Achromatopsia
67, 0.008, 296.813

Achromatomaly
66, 2.938, 330.621

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 7.986, 336.235 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(171, 156, 166)` looks like.

```
.text, #text, p{  
    color:rgb(171, 156, 166)  
}
```

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(171, 156, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 156, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 7.986, 336.235 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(171, 156, 166) }
```

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

```
.border{ border-color:rgb(171, 156, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 156, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 156, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 156, 166);  
box-shadow:4px 4px 4px 4px rgb(171, 156,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 7.986, 336.235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 156, 166) }
```

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

```
.background{ background-color: rgb(171,  
156, 166) }
```

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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