

Converting Colors

CIELCh(65, 7.293, 33.119)

Have a look what the booklet for
CIELCh(65, 7.293, 33.119) contains.

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Color

CIELCh(65, 7.283, 33.118)

Conversions

Conversions Part 1

Format	Color
Hex	AC9A97
RGB	172, 154, 151
RGB Percent	67%, 60%, 59%
CMY	0.3261, 0.3966, 0.4084
CMYK	0.00, 0.10, 0.12, 0.33
HSL	9°, 11%, 63%
HSV	9°, 12%, 67%
XYZ	34.0868, 34.0472, 33.9922
YIQ	159.0400, 11.6910, 2.8830

Conversions

Conversions Part 2

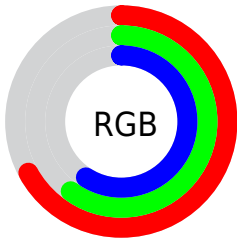
Format	Color
RYB	172, 155, 151
Decimal	11311767
CIELab	65.00, 6.10, 3.98
CIELCh	65, 7.283, 33.118
Yxy	34.0472, 0.3338, 0.3334
Android (android.graphics.Color)	4289501847 (0xFFAC9A97)
YUV	159.0400, -3.9637, 11.3659
Hunter-Lab	58.3500, 2.1634, 6.3052

Details

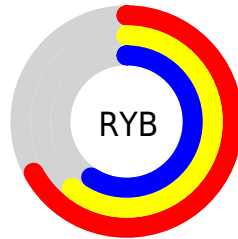
The CIELCh color **65, 7.283, 33.118** is a light color, and the websafe version is hex **999999**. A complement of this color would be **68, 6.732, 213.201**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 7.211, 32.400**, and **45, 7.488, 33.928** is the 20% darker color. If you saturate the color by 10%, you get **61, 13.800, 33.391**, and if you desaturate by 10%, it is **69, 1.268, 32.713**.

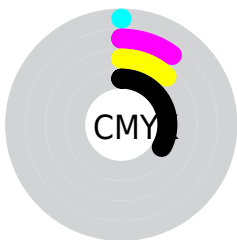
Distribution



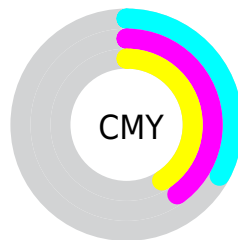
- Red (67%)
- Green (60%)
- Blue (59%)



- Red (67%)
- Yellow (61%)
- Blue (59%)



- Cyan (0%)
- Magenta (10%)
- Yellow (12%)
- Black (33%)



- Cyan (33%)
- Magenta (40%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 7.283, 33.118 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 65, 7.283, 33.118 by changing the saturation by 10% instead.

 65, 7.283, 33.118

 65, 7.283, 33.118

 100, 7.283, 33.118

 55, 7.283, 33.118

 85, 7.283, 33.118

 45, 7.283, 33.118

 95, 7.283, 33.118

 35, 7.283, 33.118

 25, 7.283, 33.118

 15, 7.283, 33.118

 5, 7.283, 33.118

 0, 7.283, 33.118

 65, 7.283, 33.118

 65, 7.283, 33.118

 61, 13.800, 33.391

 69, 1.268, 32.713

57, 20.853, 33.794

74, 4.285, 213.216

53, 28.453, 34.405

78, 9.425, 213.222

49, 36.571, 35.275

83, 14.198,
213.325

46, 45.121, 36.449

87, 18.648,
213.476

42, 53.916, 37.926

40, 62.574, 39.587

91, 22.815,
213.657

38, 70.264, 41.021

95, 26.251,
197.799

37, 75.293, 42.091

Harmonies

Complementary

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



65, 7.283, 33.118



68, 6.732, 213.201

Rectangle

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



65, 7.283, 33.118



65, 7.283, 83.118



65, 7.283, 213.118



65, 7.283, 263.118

Sweetspot

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



65, 7.282, 33.133



87, 2.865, 32.903



65, 12.902, 328.998



46, 2.040, 32.940



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



65, 7.282, 33.133



81, 11.248, 33.201



68, 7.895, 86.819



34, 3.359, 33.071



32, 67.762, 42.023



2, 7.000, 30.301

Inverse Universe

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



68, 6.732, 213.201



86, 10.182, 213.222



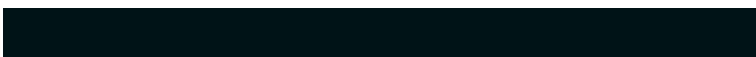
65, 7.845, 270.024



36, 3.167, 213.200



49, 29.466, 222.671



5, 6.613, 219.487

Previews

White Background



This preview shows how the CIELCh color 65, 7.283, 33.118 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 CIE LCh color 65, 7.283, 33.118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

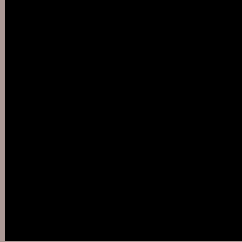
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 7.283, 33.118

Background



This preview shows how black text looks on a background with the CIELCh color 65, 7.283, 33.118.



This preview shows how white text looks on a background with the CIELCh color 65, 7.283, 33.118.

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


65, 7.283, 33.118

Protanopia

65, 2.930, 68.441

Deuteranopia

65, 9.507, 23.572



Tritanopia
65, 10.763, 342.259

Trichromacy



Original Color
65, 7.283, 33.118

Protanomaly
65, 4.480, 49.203

Deuteranomaly
65, 8.364, 27.692

Tritanomaly
65, 8.436, 357.008

Monochromacy



Original Color
65, 7.283, 33.118

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 2.754, 31.067

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 7.283, 33.118 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, 154, 151)` looks like.

```
.text, #text, p{  
    color:rgb(172, 154, 151)  
}
```

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, 154, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 154, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 7.283, 33.118 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, 154, 151) }
```

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

```
.border{ border-color:rgb(172, 154, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 154, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 154, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 154, 151);  
box-shadow:4px 4px 4px 4px rgb(172, 154,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 7.283, 33.118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 154, 151) }
```

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

```
.background{ background-color: rgb(172,  
154, 151) }
```

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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