

Converting Colors

CIELCh(65, 8.738, 96.996)

Have a look what the booklet for
CIELCh(65, 8.738, 96.996) contains.

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Color

CIELCh(65, 8.984, 99.012)

Conversions

Conversions Part 1

Format	Color
Hex	A29E8E
RGB	162, 158, 142
RGB Percent	64%, 62%, 56%
CMY	0.3650, 0.3807, 0.4435
CMYK	0.00, 0.02, 0.12, 0.37
HSL	48°, 10%, 60%
HSV	48°, 12%, 63%
XYZ	31.9711, 34.0472, 30.4449
YIQ	157.3720, 7.5200, -4.1280

Conversions

Conversions Part 2

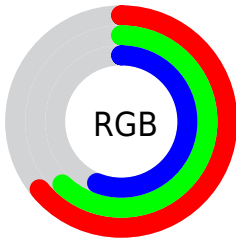
Format	Color
RYB	147, 162, 142
Decimal	10657422
CIELab	65.00, -1.41, 8.87
CIElCh	65, 8.984, 99.012
Yxy	34.0472, 0.3314, 0.3530
Android (android.graphics.Color)	4288847502 (0xFFA29E8E)
YUV	157.3720, -7.5784, 4.0588
Hunter-Lab	58.3500, -4.3088, 9.9096

Details

The CIELCh color **65, 8.984, 99.012** is a light color, and the websafe version is hex **999999**. A complement of this color would be **61, 9.110, 281.905**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 9.013, 99.864**, and **45, 8.986, 100.607** is the 20% darker color. If you saturate the color by 10%, you get **64, 16.319, 97.876**, and if you desaturate by 10%, it is **66, 1.696, 100.077**.

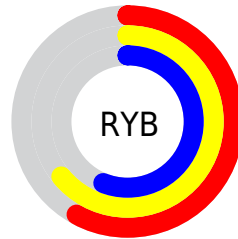
Distribution



Red (64%)

Green (62%)

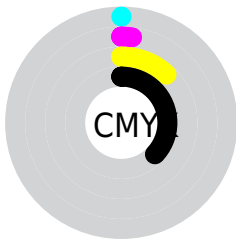
Blue (56%)



Red (58%)

Yellow (64%)

Blue (56%)

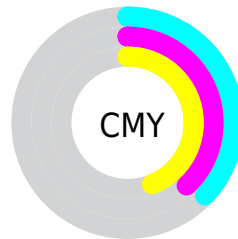


Cyan (0%)

Magenta (2%)

Yellow (12%)

Black (37%)



Cyan (37%)

Magenta (38%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 8.984, 99.012 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, 8.984, 99.012 by changing the saturation by 10% instead.

 65, 8.984, 99.012  65, 8.984, 99.012

 100, 8.984, 99.012  55, 8.984, 99.012

 85, 8.984, 99.012  45, 8.984, 99.012

 95, 8.984, 99.012  35, 8.984, 99.012

 25, 8.984, 99.012

 15, 8.984, 99.012

 5, 8.984, 99.012

 0, 8.984, 99.012

 65, 8.984, 99.012  65, 8.984, 99.012

 64, 16.319, 97.876  66, 1.696, 100.077

63, 23.662, 96.698

68, 5.529, 281.260

61, 30.952, 95.497

69, 12.683,
282.283

60, 38.075, 94.280

70, 19.761,
283.270

59, 44.841, 93.050

58, 50.942, 91.803

72, 26.762,
284.211

57, 55.922, 90.519

73, 33.689,
285.106

56, 59.241, 89.151

56, 60.897, 88.058

75, 40.407,
285.910

76, 38.696,
283.880

76, 37.037,
281.678

Harmonies

Complementary

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



65, 8.984, 99.012



61, 9.110, 281.905

Rectangle

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



65, 8.984, 99.012



65, 8.984, 149.012



65, 8.984, 279.012



65, 8.984, 329.012

Sweetspot

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



65, 8.985, 99.022



84, 3.601, 99.920



61, 8.206, 4.357



45, 2.581, 99.846



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



65, 8.985, 99.022



82, 13.589, 98.690



66, 11.296, 121.113



34, 4.136, 99.365



50, 56.311, 88.212



4, 6.110, 97.371

Inverse Universe

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



61, 9.110, 281.905



76, 13.817, 282.297



60, 11.564, 302.531



32, 4.183, 281.516



20, 75.726, 301.937



1, 6.570, 281.521

Previews

White Background



This preview shows how the CIELCh color 65, 8.984, 99.012 looks on a white background.

Color Contrast Check

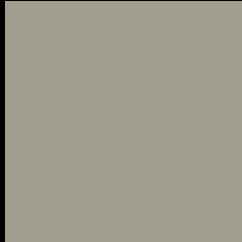
Large Text (above 18pt) WCAG AA × Fail

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 65, 8.984, 99.012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

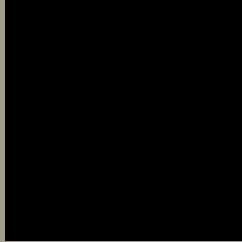
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

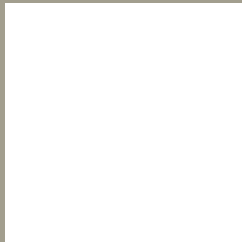
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 8.984, 99.012

Background



This preview shows how black text looks on a background with the CIELCh color 65, 8.984, 99.012.



This preview shows how white text looks on a background with the CIELCh color 65, 8.984, 99.012.

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, 8.984, 99.012

Protanopia

65, 8.752, 90.664

Deuteranopia

65, 11.651, 45.426



Tritanopia
65, 7.905, 322.505

Trichromacy



Original Color
65, 8.984, 99.012

Protanomaly
65, 8.633, 93.192

Deuteranomaly
65, 9.467, 59.764

Tritanomaly
65, 3.652, 1.948

Monochromacy



Original Color
65, 8.984, 99.012

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 2.866, 94.171

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 8.984, 99.012 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(162, 158, 142)` looks like.

```
.text, #text, p{  
    color:rgb(162, 158, 142)  
}
```

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(162, 158, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 158, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 8.984, 99.012 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(162, 158, 142) }
```

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

```
.border{ border-color:rgb(162, 158, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 158, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 158, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 158, 142);  
box-shadow:4px 4px 4px 4px rgb(162, 158,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 8.984, 99.012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 158, 142) }
```

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

```
.background{ background-color: rgb(162,  
158, 142) }
```

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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