

Converting Colors

CIELCh(65, 9.530, 99.521)

Have a look what the booklet for
CIELCh(65, 9.530, 99.521) contains.

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Color

CIELCh(65, 9.530, 99.521)

Conversions

Conversions Part 1

Format	Color
Hex	A29E8D
RGB	162, 158, 141
RGB Percent	64%, 62%, 55%
CMY	0.3648, 0.3805, 0.4471
CMYK	0.00, 0.02, 0.13, 0.36
HSL	49°, 10%, 59%
HSV	49°, 13%, 64%
XYZ	31.9245, 34.0472, 30.0793
YIQ	157.2580, 7.8410, -4.4390

Conversions

Conversions Part 2

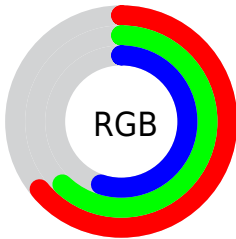
Format	Color
RYB	146, 162, 141
Decimal	10657421
CIELab	65.00, -1.58, 9.40
CIElCh	65, 9.530, 99.521
Yxy	34.0472, 0.3324, 0.3545
Android (android.graphics.Color)	4288847501 (0xFFA29E8D)
YUV	157.2580, -8.0152, 4.1587
Hunter-Lab	58.3500, -4.4514, 10.2811

Details

The CIELCh color **65, 9.530, 99.521** is a light color, and the websafe version is hex **999999**. A complement of this color would be **60, 9.678, 282.540**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 9.530, 100.325**, and **45, 9.572, 101.009** is the 20% darker color. If you saturate the color by 10%, you get **64, 16.935, 98.392**, and if you desaturate by 10%, it is **66, 2.165, 100.596**.

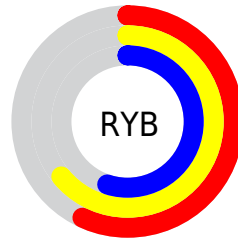
Distribution



Red (64%)

Green (62%)

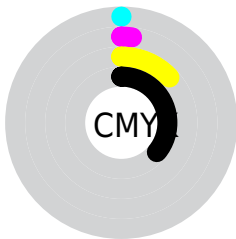
Blue (55%)



Red (57%)

Yellow (64%)

Blue (55%)

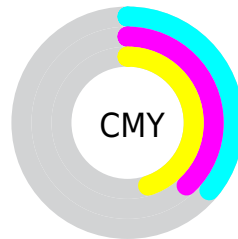


Cyan (0%)

Magenta (2%)

Yellow (13%)

Black (36%)



Cyan (36%)

Magenta (38%)


Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 9.530, 99.521 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, 9.530, 99.521 by changing the saturation by 10% instead.

 65, 9.530, 99.521  65, 9.530, 99.521

 100, 9.530, 99.521  55, 9.530, 99.521

 85, 9.530, 99.521  45, 9.530, 99.521


 95, 9.530, 99.521  35, 9.530, 99.521


 25, 9.530, 99.521

 15, 9.530, 99.521

 5, 9.530, 99.521

 0, 9.530, 99.521

 65, 9.530, 99.521  65, 9.530, 99.521

 64, 16.935, 98.392  66, 2.165, 100.596

63, 24.337, 97.223

68, 5.143, 281.756

62, 31.671, 96.034

69, 12.383,
282.773

60, 38.817, 94.833

70, 19.550,
283.756

59, 45.576, 93.623

58, 51.627, 92.401

72, 26.643,
284.694

58, 56.507, 91.151

73, 33.662,
285.586

57, 59.685, 89.830

56, 61.181, 88.870

74, 40.609,
286.432

75, 39.302,
284.653

76, 37.701,
282.621

Harmonies

Complementary

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



65, 9.530, 99.521



60, 9.678, 282.540

Rectangle

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



65, 9.530, 99.521



65, 9.530, 149.521



65, 9.530, 279.521



65, 9.530, 329.521

Sweetspot

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



65, 9.531, 99.531



84, 3.637, 100.491



61, 8.630, 4.423



45, 2.608, 100.418



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, 9.531, 99.531



82, 14.642, 99.154



66, 11.861, 121.078



34, 4.177, 99.940



51, 56.558, 89.016



4, 6.182, 98.088

Inverse Universe

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



60, 9.678, 282.540



75, 14.921, 282.988



60, 12.156, 302.571



32, 4.227, 282.073



20, 76.526, 302.257



1, 6.631, 282.013

Previews

White Background



This preview shows how the CIELCh color 65, 9.530, 99.521 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, 9.530, 99.521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

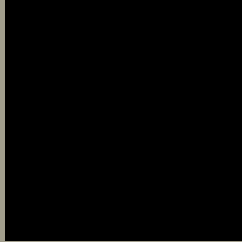
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 9.530, 99.521

Background



This preview shows how black text looks on a background with the CIELCh color 65, 9.530, 99.521.



This preview shows how white text looks on a background with the CIELCh color 65, 9.530, 99.521.

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, 9.530, 99.521

Protanopia

65, 9.280, 91.659

Deuteranopia

65, 12.296, 46.869



Tritanopia
65, 8.112, 324.803

Trichromacy



Original Color
65, 9.530, 99.521

Protanomaly
65, 9.168, 94.059

Deuteranomaly
65, 10.157, 60.575

Tritanomaly
65, 4.024, 3.685

Monochromacy



Original Color
65, 9.530, 99.521

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 3.405, 96.611

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 9.530, 99.521 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, 141)` looks like.

```
.text, #text, p{  
    color:rgb(162, 158, 141)  
}
```

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, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 158, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 9.530, 99.521 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, 141) }
```

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

```
.border{ border-color:rgb(162, 158, 141) }
```

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, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 158, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 158, 141);  
box-shadow:4px 4px 4px 4px rgb(162, 158,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 9.530, 99.521 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, 141) }
```

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

```
.background{ background-color: rgb(162,  
158, 141) }
```

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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