

Converting Colors

CIELCh(65, 15.964, 92.296)

Have a look what the booklet for
CIELCh(65, 15.964, 92.296) contains.

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Color

CIELCh(65, 16.129, 92.186)

Conversions

Conversions Part 1

Format	Color
Hex	A89D81
RGB	168, 157, 129
RGB Percent	66%, 62%, 51%
CMY	0.3410, 0.3841, 0.4939
CMYK	0.00, 0.07, 0.23, 0.34
HSL	43°, 18%, 58%
HSV	43°, 23%, 66%
XYZ	32.1901, 34.0472, 25.6608
YIQ	157.0970, 15.5440, -6.3760

Conversions

Conversions Part 2

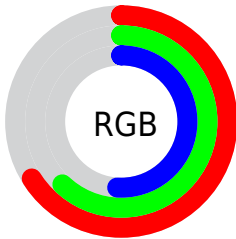
Format	Color
RYB	144, 168, 129
Decimal	11050369
CIELab	65.00, -0.62, 16.12
CIElCh	65, 16.129, 92.186
Yxy	34.0472, 0.3503, 0.3705
Android (android.graphics.Color)	4289240449 (0xFFA89D81)
YUV	157.0970, -13.8518, 9.5619
Hunter-Lab	58.3500, -3.6389, 14.7707

Details

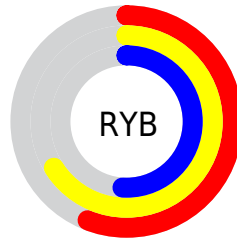
The CIELCh color **65, 16.129, 92.186** is a light color, and the websafe version is hex **999966**. A complement of this color would be **58, 16.262, 278.247**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 15.867, 91.955**, and **45, 16.058, 91.642** is the 20% darker color. If you saturate the color by 10%, you get **63, 23.225, 90.920**, and if you desaturate by 10%, it is **67, 9.110, 93.424**.

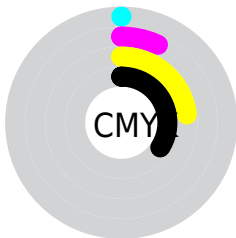
Distribution



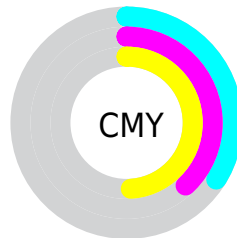
- Red (66%)
- Green (62%)
- Blue (51%)



- Red (56%)
- Yellow (66%)
- Blue (51%)



- Cyan (0%)
- Magenta (7%)
- Yellow (23%)
- Black (34%)



- Cyan (34%)
- Magenta (38%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 16.129, 92.186 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, 16.129, 92.186 by changing the saturation by 10% instead.

■ 65, 16.129, 92.186

■ 65, 16.129, 92.186

■ 100, 16.129,
92.186

■ 55, 16.129, 92.186

■ 85, 16.129, 92.186

■ 45, 16.129, 92.186

■ 95, 16.129, 92.186

■ 35, 16.129, 92.186

■ 25, 16.129, 92.186

■ 15, 16.129, 92.186

■ 5, 16.129, 92.186

■ 0, 16.129, 92.186

■ 65, 16.129, 92.186

■ 65, 16.129, 92.186

■ 63, 23.225, 90.920

■ 67, 9.110, 93.424

62, 30.345, 89.611

68, 2.190, 94.559

60, 37.392, 88.266

70, 4.624, 275.835

59, 44.190, 86.876

72, 11.329,
276.917

57, 50.430, 85.414

74, 17.928,
277.967

56, 55.626, 83.820

55, 59.156, 81.988

75, 24.429,
278.969

54, 60.853, 80.650

77, 30.836,
279.922

79, 32.816,
278.436

80, 30.648,
274.207

Harmonies

Complementary

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



65, 16.129, 92.186



58, 16.262, 278.247

Rectangle

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



65, 16.129, 92.186



65, 16.129, 142.186



65, 16.129, 272.186



65, 16.129, 322.186

Sweetspot

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



65, 16.130, 92.193



86, 5.963, 94.140



58, 16.784, 359.506



45, 3.871, 94.076



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



65, 16.130, 92.193



82, 24.252, 91.522



67, 21.564, 117.118



35, 3.895, 93.890



48, 55.440, 80.920



4, 6.560, 89.334

Inverse Universe

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



58, 16.262, 278.247



72, 24.505, 279.155



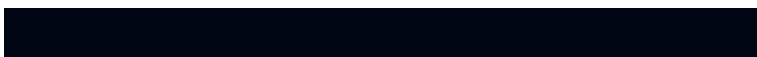
56, 22.641, 300.375



33, 3.914, 276.199



23, 69.147, 298.629



2, 7.392, 277.719

Previews

White Background



This preview shows how the CIELCh color 65, 16.129, 92.186 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, 16.129, 92.186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

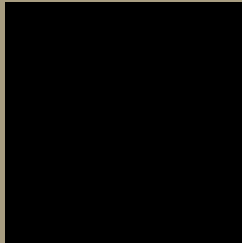
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

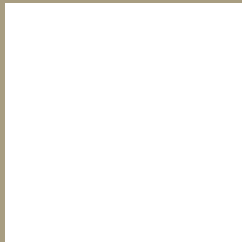
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 16.129, 92.186

Background



This preview shows how black text looks on a background with the CIELCh color 65, 16.129, 92.186.

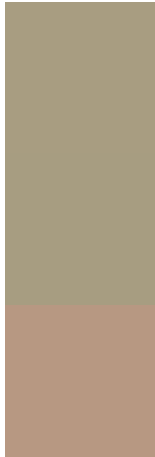


This preview shows how white text looks on a background with the CIELCh color 65, 16.129, 92.186.

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, 16.129, 92.186

Protanopia

65, 16.016, 93.610

Deuteranopia

65, 17.891, 62.682



Tritanopia
65, 10.171, 339.473

Trichromacy



Original Color
65, 16.129, 92.186

Protanomaly
65, 16.016, 93.610

Deuteranomaly
65, 16.688, 72.110

Tritanomaly
65, 6.893, 33.843

Monochromacy



Original Color
65, 16.129, 92.186

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 5.747, 93.690

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 16.129, 92.186 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(168, 157, 129)` looks like.

```
.text, #text, p{  
    color:rgb(168, 157, 129)  
}
```

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(168, 157, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 157, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 16.129, 92.186 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(168, 157, 129) }
```

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

```
.border{ border-color:rgb(168, 157, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 157, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 157, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 157, 129);  
box-shadow:4px 4px 4px 4px rgb(168, 157,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 16.129, 92.186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 157, 129) }
```

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

```
.background{ background-color: rgb(168,  
157, 129) }
```

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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