

Converting Colors

CIELCh(65, 26.201, 96.580)

Have a look what the booklet for
CIELCh(65, 26.201, 96.580) contains.

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Color

CIELCh(65, 26.246, 97.091)

Conversions

Conversions Part 1

Format	Color
Hex	A99E6F
RGB	169, 158, 111
RGB Percent	66%, 62%, 44%
CMY	0.3372, 0.3803, 0.5646
CMYK	0.00, 0.07, 0.34, 0.34
HSL	49°, 25%, 55%
HSV	49°, 34%, 66%
XYZ	31.4682, 34.0472, 19.9581
YIQ	155.9310, 21.6430, -12.2850

Conversions

Conversions Part 2

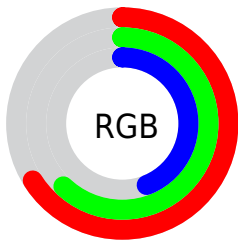
Format	Color
RYB	125, 169, 111
Decimal	11116143
CIELab	65.00, -3.24, 26.05
CIELCh	65, 26.246, 97.091
Yxy	34.0472, 0.3682, 0.3983
Android (android.graphics.Color)	4289306223 (0xFFA99E6F)
YUV	155.9310, -22.1510, 11.4615
Hunter-Lab	58.3500, -5.8470, 20.5654

Details

The CIELCh color **65, 26.246, 97.091** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **52, 27.417, 285.916**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 26.491, 97.584**, and **45, 26.080, 97.160** is the 20% darker color. If you saturate the color by 10%, you get **64, 33.824, 95.902**, and if you desaturate by 10%, it is **66, 18.583, 98.271**.

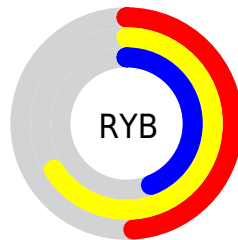
Distribution



Red (66%)

Green (62%)

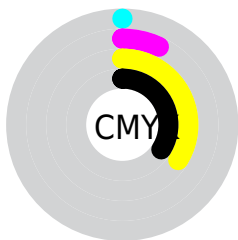
Blue (44%)



Red (49%)

Yellow (66%)

Blue (44%)

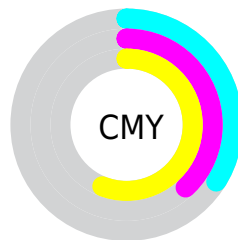


Cyan (0%)

Magenta (7%)

Yellow (34%)

Black (34%)



Cyan (34%)

Magenta (38%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 26.246, 97.091 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, 26.246, 97.091 by changing the saturation by 10% instead.

■ 65, 26.246, 97.091

■ 65, 26.246, 97.091

■ 100, 26.246,
97.091

■ 55, 26.246, 97.091

■ 85, 26.246, 97.091

■ 45, 26.246, 97.091

■ 95, 26.246, 97.091

■ 35, 26.246, 97.091

■ 25, 26.246, 97.091

■ 15, 26.246, 97.091

■ 5, 26.246, 97.091

■ 0, 26.246, 97.091

■ 65, 26.246, 97.091

■ 65, 26.246, 97.091

■ 64, 33.824, 95.902

■ 66, 18.583, 98.271

63, 41.180, 94.696

67, 10.910, 99.417

62, 48.091, 93.482

69, 3.271, 100.509

61, 54.200, 92.256

70, 4.310, 281.663

60, 59.003, 90.996

71, 11.822,
282.684

59, 61.957, 89.657

73, 19.258,
283.675

58, 63.136, 88.878

74, 26.618,
284.622

76, 33.902,
285.522

77, 36.830,
284.960

Harmonies

Complementary

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



65, 26.246, 97.091



52, 27.417, 285.916

Rectangle

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



65, 26.246, 97.091



65, 26.246, 147.091



65, 26.246, 277.091



65, 26.246, 327.091

Sweetspot

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



65, 26.247, 97.095



86, 9.404, 99.880



53, 24.833, 7.165



45, 6.410, 99.731



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, 26.247, 97.095



81, 38.713, 96.211



67, 32.243, 119.842



35, 4.289, 99.979



51, 57.292, 89.053



5, 7.342, 97.312

Inverse Universe

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



52, 27.417, 285.916



62, 40.980, 287.354



51, 34.546, 304.154



33, 4.340, 282.120



20, 77.668, 302.321



1, 8.057, 282.530

Previews

White Background



This preview shows how the CIELCh color 65, 26.246, 97.091 looks on a white background.

Color Contrast Check

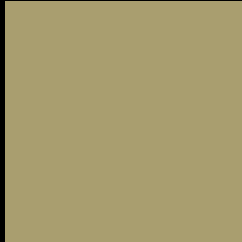
Large Text (above 18pt) WCAG AA × Fail

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, 26.246, 97.091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

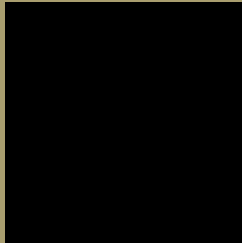
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 26.246, 97.091

Background



This preview shows how black text looks on a background with the CIELCh color 65, 26.246, 97.091.



This preview shows how white text looks on a background with the CIELCh color 65, 26.246, 97.091.

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, 26.246, 97.091

Protanopia

65, 26.330, 96.173

Deuteranopia

65, 26.875, 72.478



Tritanopia
65, 11.390, 344.773

Trichromacy



Original Color
65, 26.246, 97.091

Protanomaly
65, 26.330, 96.173

Deuteranomaly
65, 25.875, 82.070

Tritanomaly
65, 9.433, 55.724

Monochromacy



Original Color
65, 26.246, 97.091

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 9.541, 99.513

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 26.246, 97.091 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(169, 158, 111)` looks like.

```
.text, #text, p{  
    color:rgb(169, 158, 111)  
}
```

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(169, 158, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 158, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 26.246, 97.091 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(169, 158, 111) }
```

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

```
.border{ border-color:rgb(169, 158, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 158, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 158, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 158, 111);  
box-shadow:4px 4px 4px 4px rgb(169, 158,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 26.246, 97.091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 158, 111) }
```

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

```
.background{ background-color: rgb(169,  
158, 111) }
```

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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