

Converting Colors

CIELCh(65, 21.935, 122.674)

Have a look what the booklet for
CIELCh(65, 21.935, 122.674)
contains.

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Color

CIELCh(65, 22.185, 122.753)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 95A37C |
| RGB | 149, 163, 124 |
| RGB Percent | 58%, 64%, 49% |
| CMY | 0.4156, 0.3607, 0.5137 |
| CMYK | 0.09, 0.00, 0.24, 0.36 |
| HSL | 82°, 17%, 56% |
| HSV | 82°, 24%, 64% |
| XYZ | 29.1368, 34.0472, 24.1100 |
| YIQ | 154.3680, 4.1750, -15.0970 |

Conversions

Conversions Part 2

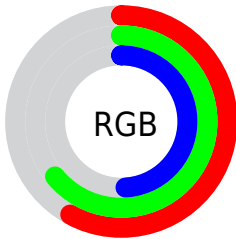
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 124, 163, 138 |
| Decimal | 9806716 |
| CIELab | 65.00, -12.00, 18.66 |
| CIELCh | 65, 22.185, 122.753 |
| Yxy | 34.0472, 0.3338, 0.3900 |
| Android (android.graphics.Color) | 4287996796 (0xFF95A37C) |
| YUV | 154.3680, -14.9714, -4.7077 |
| Hunter-Lab | 58.3500, -12.9793, 16.3465 |

Details

The CIELCh color **65, 22.185, 122.753** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **55, 23.143, 305.376**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 22.149, 123.270**, and **45, 21.895, 122.446** is the 20% darker color. If you saturate the color by 10%, you get **64, 31.313, 122.225**, and if you desaturate by 10%, it is **66, 12.936, 123.290**.

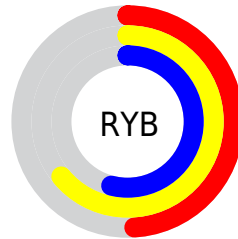
Distribution



Red (58%)

Green (64%)

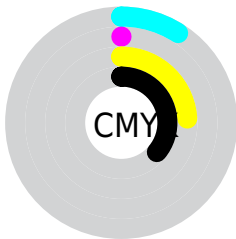
Blue (49%)



Red (49%)

Yellow (64%)

Blue (54%)

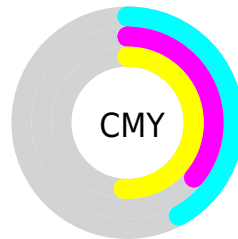


Cyan (9%)

Magenta (0%)

Yellow (24%)

Black (36%)



Cyan (42%)


Magenta (36%)


Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 22.185, 122.753 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, 22.185, 122.753 by changing the saturation by 10% instead.


 65, 22.185,
122.753


 65, 22.185,
122.753


 100, 22.185,
122.753


 55, 22.185,
122.753


 85, 22.185,
122.753

 45, 22.185,
122.753

 95, 22.185,
122.753

 35, 22.185,
122.753

 25, 22.185,
122.753

 15, 22.185,
122.753

 5, 22.185, 122.753

 0, 22.185, 122.753

65, 22.185,
122.753

65, 22.185,
122.753

64, 31.313,
122.225

66, 12.936,
123.290

64, 40.203,
121.725

67, 3.641, 123.819

63, 48.690,
121.297

68, 5.646, 304.286

62, 56.530,
121.005

69, 14.885,
304.756

62, 63.390,
120.938

70, 24.047,
305.188

62, 68.875,
121.208

71, 33.114,
305.586

61, 72.651,
121.918

72, 42.069,
305.951

61, 74.433,

73, 50.902,
306.284

122.458

 74, 51.535,
308.293

Harmonies

Complementary

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



65, 22.185, 122.753



55, 23.143, 305.376

Rectangle

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



65, 22.185, 122.753



65, 22.185, 172.753



65, 22.185, 302.753



65, 22.185, 352.753

Sweetspot

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



65, 22.187, 122.756



84, 8.039, 123.648



59, 13.148, 55.793



45, 5.266, 123.619



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, 22.187, 122.756



82, 33.186, 122.456



64, 25.329, 139.025



34, 5.259, 123.536



55, 68.352, 122.308



5, 8.294, 126.099

Inverse Universe

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



55, 23.143, 305.376



66, 35.000, 305.754



56, 25.531, 321.364



32, 5.348, 304.482



19, 84.314, 309.370



1, 8.166, 302.744

Previews

White Background



This preview shows how the CIELCh color 65, 22.185, 122.753 looks on a white background.

Color Contrast Check

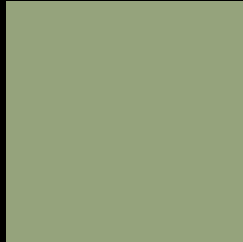
Large Text (above 18pt) WCAG AA × Fail

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, 22.185, 122.753 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

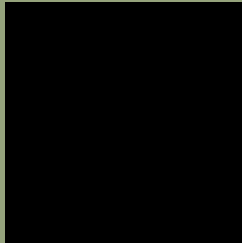
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

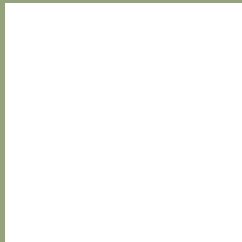
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 22.185, 122.753

Background



This preview shows how black text looks on a background with the CIELCh color 65, 22.185, 122.753.



This preview shows how white text looks on a background with the CIELCh color 65, 22.185, 122.753.

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, 22.185, 122.753

Protanopia
65, 20.398, 94.979

Deuteranopia
65, 19.471, 65.038



Tritanopia
65, 6.704, 284.570

Trichromacy



Original Color
65, 22.185, 122.753

Protanomaly
65, 20.383, 105.645

Deuteranomaly
65, 17.924, 86.533

Tritanomaly
65, 4.066, 144.288

Monochromacy



Original Color
65, 22.185, 122.753

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 8.029, 123.485

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 22.185, 122.753 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(149, 163, 124)` looks like.

```
.text, #text, p{  
    color:rgb(149, 163, 124)  
}
```

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(149, 163, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 163, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 22.185, 122.753 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(149, 163, 124) }
```

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

```
.border{ border-color:rgb(149, 163, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 163, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 163, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 163, 124);  
box-shadow:4px 4px 4px 4px rgb(149, 163,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 22.185, 122.753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 163, 124) }
```

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

```
.background{ background-color: rgb(149,  
163, 124) }
```

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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