

Converting Colors

CIELCh(65, 26.287, 122.294)

Have a look what the booklet for
CIELCh(65, 26.287, 122.294)
contains.

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Color

CIELCh(65, 26.671, 122.606)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 93A475 |
| RGB | 147, 164, 117 |
| RGB Percent | 58%, 64%, 46% |
| CMY | 0.4235, 0.3568, 0.5411 |
| CMYK | 0.10, 0.00, 0.29, 0.36 |
| HSL | 82°, 21%, 55% |
| HSV | 82°, 29%, 64% |
| XYZ | 28.5268, 34.0472, 21.9036 |
| YIQ | 153.5590, 4.9550, -18.2210 |

Conversions

Conversions Part 2

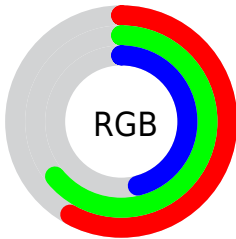
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 117, 164, 134 |
| Decimal | 9675893 |
| CIELab | 65.00, -14.37, 22.47 |
| CIELCh | 65, 26.671, 122.606 |
| Yxy | 34.0472, 0.3377, 0.4030 |
| Android (android.graphics.Color) | 4287865973 (0xFF93A475) |
| YUV | 153.5590, -18.0236, -5.7522 |
| Hunter-Lab | 58.3500, -14.8454, 18.5885 |

Details

The CIELCh color $65, 26.671, 122.606$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $52, 28.075, 305.787$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 26.931, 122.826$, and $45, 26.615, 122.201$ is the 20% darker color. If you saturate the color by 10%, you get $64, 35.755, 122.089$, and if you desaturate by 10%, it is $66, 17.418, 123.142$.

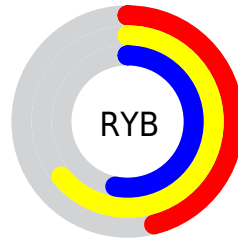
Distribution



Red (58%)

Green (64%)

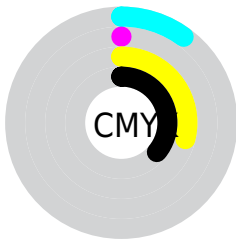
Blue (46%)



Red (46%)

Yellow (64%)

Blue (53%)

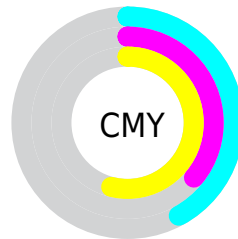


Cyan (10%)

Magenta (0%)

Yellow (29%)

Black (36%)



Cyan (42%)


Magenta (36%)


Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 26.671, 122.606 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, 26.671, 122.606 by changing the saturation by 10% instead.

 65, 26.671,
122.606


 65, 26.671,
122.606


 100, 26.671,
122.606


 55, 26.671,
122.606


 85, 26.671,
122.606

 45, 26.671,
122.606

 95, 26.671,
122.606

 35, 26.671,
122.606

 25, 26.671,
122.606

 15, 26.671,
122.606

 5, 26.671, 122.606

 0, 26.671, 122.606

65, 26.671,
122.606

65, 26.671,
122.606

64, 35.755,
122.089

66, 17.418,
123.142

64, 44.528,
121.618

67, 8.084, 123.670

63, 52.791,
121.247

68, 1.264, 304.119

68, 10.579,
304.637

63, 60.256,
121.051

69, 19.830,
305.084

62, 66.549,
121.132

71, 28.992,
305.496

62, 71.280,
121.604


72, 38.049,
305.875

61, 74.439,
122.471

73, 46.986,
306.221

61, 74.839,

122.586

 74, 50.834,
307.604

Harmonies

Complementary

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



65, 26.671, 122.606



52, 28.075, 305.787

Rectangle

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



65, 26.671, 122.606



65, 26.671, 172.606



65, 26.671, 302.606



65, 26.671, 352.606

Sweetspot

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



65, 26.673, 122.608



85, 10.445, 123.643



58, 16.094, 55.443



45, 7.246, 123.570



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, 26.673, 122.608



82, 39.196, 122.294



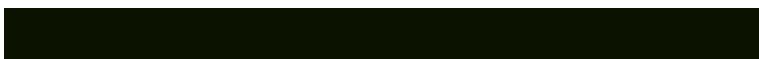
63, 30.485, 138.723



34, 5.262, 123.639



55, 68.412, 122.427



5, 8.298, 126.196

Inverse Universe

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



52, 28.075, 305.787



64, 41.765, 306.205



55, 30.765, 321.577



32, 5.351, 304.580



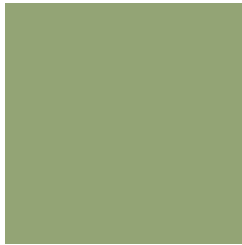
19, 84.270, 309.415



1, 8.169, 302.836

Previews

White Background



This preview shows how the CIELCh color 65, 26.671, 122.606 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, 26.671, 122.606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

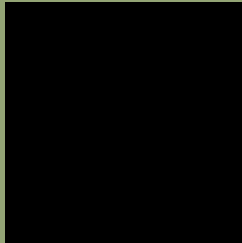
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 26.671, 122.606

Background



This preview shows how black text looks on a background with the CIELCh color 65, 26.671, 122.606.



This preview shows how white text looks on a background with the CIELCh color 65, 26.671, 122.606.

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, 26.671, 122.606

Protanopia
65, 24.231, 95.476

Deuteranopia
65, 22.670, 68.682



Tritanopia
65, 7.296, 282.256

Trichromacy



Original Color
65, 26.671, 122.606

Protanomaly
65, 24.681, 106.541

Deuteranomaly
65, 21.412, 90.789

Tritanomaly
65, 6.105, 144.164

Monochromacy



Original Color
65, 26.671, 122.606

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 9.842, 125.426

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 26.671, 122.606 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(147, 164, 117)` looks like.

```
.text, #text, p{  
    color:rgb(147, 164, 117)  
}
```

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(147, 164, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 164, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 26.671, 122.606 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(147, 164, 117) }
```

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

```
.border{ border-color:rgb(147, 164, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 164, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(147, 164, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(147, 164, 117); box-shadow:4px 4px 4px 4px rgb(147, 164, 117) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 26.671, 122.606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 164, 117) }
```

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

```
.background{ background-color: rgb(147,  
164, 117) }
```

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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