

Converting Colors

CIELCh(65, 11.382, 131.297)

Have a look what the booklet for
CIELCh(65, 11.382, 131.297)
contains.

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Color

CIELCh(65, 11.395, 131.294)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 96A18E |
| RGB | 150, 161, 142 |
| RGB Percent | 59%, 63%, 56% |
| CMY | 0.4108, 0.3676, 0.4422 |
| CMYK | 0.07, 0.00, 0.12, 0.37 |
| HSL | 95°, 9%, 60% |
| HSV | 95°, 12%, 63% |
| XYZ | 30.3145, 34.0472, 30.6631 |
| YIQ | 155.5450, -0.4570, -8.2410 |

Conversions

Conversions Part 2

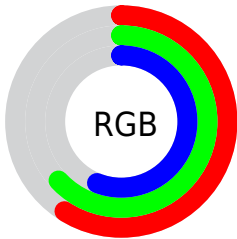
| Format | Color |
|-------------------------------------|------------------------------------------------|
| RYB | 142, 161, 153 |
| Decimal | 9871758 |
| CIELab | 65.00, -7.52, 8.56 |
| CIELCh | 65, 11.395, 131.294 |
| Yxy | 34.0472, 0.3190, 0.3583 |
| Android (android.graphics.Color) | 4288061838 (0xFF96A18E) |
| YUV | 155.5450, -6.6777, -4.8630 |
| Hunter-Lab | 58.3500, -9.3763, 9.6879 |

Details

The CIELCh color $65, 11.395, 131.294$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $61, 11.551, 312.261$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 11.410, 132.107$, and $45, 10.975, 131.462$ is the 20% darker color. If you saturate the color by 10%, you get $64, 21.092, 130.836$, and if you desaturate by 10%, it is $66, 1.716, 131.780$.

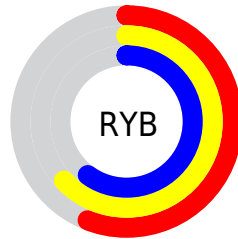
Distribution



Red (59%)

Green (63%)

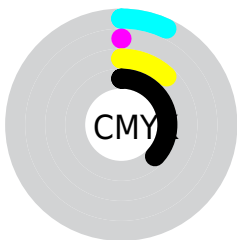
Blue (56%)



Red (56%)

Yellow (63%)

Blue (60%)

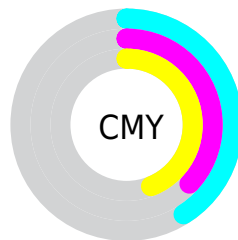


Cyan (7%)

Magenta (0%)

Yellow (12%)

Black (37%)



Cyan (41%)


Magenta (37%)


Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 11.395, 131.294 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, 11.395, 131.294 by changing the saturation by 10% instead.


 65, 11.395,
131.294


 65, 11.395,
131.294


 100, 11.395,
131.294


 55, 11.395,
131.294


 85, 11.395,
131.294

 45, 11.395,
131.294

 95, 11.395,
131.294

 35, 11.395,
131.294

 25, 11.395,
131.294

 15, 11.395,
131.294

 5, 11.395, 131.294

 0, 11.395, 131.294

65, 11.395,
131.294

65, 11.395,
131.294

64, 21.092,
130.836

66, 1.716, 131.780

63, 30.720,
130.356

67, 7.891, 312.078

62, 40.164,
129.876

69, 17.382,
312.432

61, 49.261,
129.431

70, 26.730,
312.742

61, 57.778,
129.081

71, 35.913,
313.016

60, 65.397,
128.916

73, 44.919,
313.257

60, 71.725,
129.051

74, 53.678,
313.492

59, 76.392,

75, 54.566,
316.672

129.604

76, 55.598,
319.794

59, 79.216,
130.256

Harmonies

Complementary

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



65, 11.395, 131.294



61, 11.551, 312.261

Rectangle

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



65, 11.395, 131.294



65, 11.395, 181.294



65, 11.395, 311.294



65, 11.395, 1.294

Sweetspot

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



65, 11.397, 131.297



83, 4.761, 131.646



64, 6.817, 80.775



44, 3.379, 131.612



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



65, 11.397, 131.297



82, 16.734, 131.185



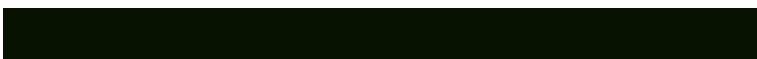
64, 12.356, 145.595



34, 5.518, 131.409



53, 73.302, 130.119



4, 8.676, 133.103

Inverse Universe

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



61, 11.551, 312.261



75, 17.002, 312.372



61, 12.375, 326.920



32, 5.580, 312.150



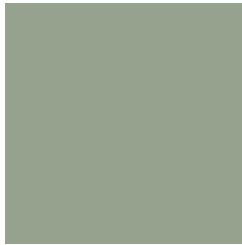
23, 80.570, 314.054



1, 8.484, 309.918

Previews

White Background



This preview shows how the CIELCh color 65, 11.395, 131.294 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, 11.395, 131.294 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

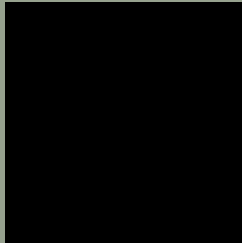
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 11.395, 131.294

Background



This preview shows how black text looks on a background with the CIELCh color 65, 11.395, 131.294.

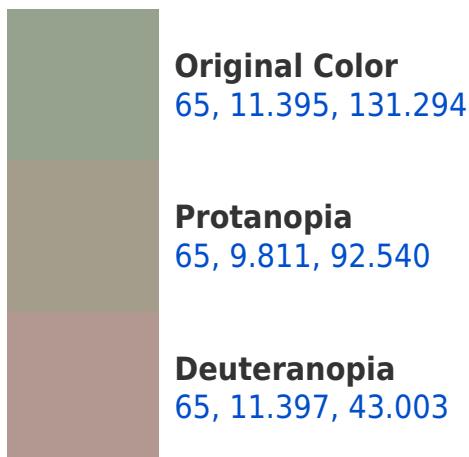


This preview shows how white text looks on a background with the CIELCh color 65, 11.395, 131.294.

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





Tritanopia
65, 7.296, 282.256

Trichromacy



Original Color
65, 11.395, 131.294

Protanomaly
65, 9.949, 109.107

Deuteranomaly
65, 8.441, 71.434

Tritanomaly
65, 2.321, 213.271

Monochromacy



Original Color
65, 11.395, 131.294

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 4.191, 131.373

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 11.395, 131.294 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(150, 161, 142)` looks like.

```
.text, #text, p{  
    color:rgb(150, 161, 142)  
}
```

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(150, 161, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 161, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 11.395, 131.294 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(150, 161, 142) }
```

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

```
.border{ border-color:rgb(150, 161, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 161, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 161, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 161, 142);  
box-shadow:4px 4px 4px 4px rgb(150, 161,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 11.395, 131.294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 161, 142) }
```

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

```
.background{ background-color: rgb(150,  
161, 142) }
```

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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