

Converting Colors

CIELCh(65, 20.940, 128.688)

Have a look what the booklet for
CIELCh(65, 20.940, 128.688)
contains.

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Color

CIELCh(65, 21.258, 129.065)

Conversions

Conversions Part 1

Format	Color
Hex	91A480
RGB	145, 164, 128
RGB Percent	57%, 64%, 50%
CMY	0.4320, 0.3575, 0.4987
CMYK	0.12, 0.00, 0.22, 0.36
HSL	92°, 16%, 57%
HSV	92°, 22%, 64%
XYZ	28.7768, 34.0472, 25.4197
YIQ	154.2150, 0.2320, -15.2240

Conversions

Conversions Part 2

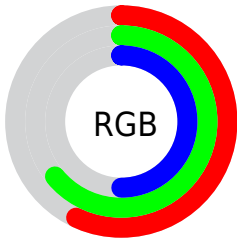
Format	Color
RYB	128, 164, 147
Decimal	9544832
CIELab	65.00, -13.40, 16.51
CIELCh	65, 21.258, 129.065
Yxy	34.0472, 0.3261, 0.3858
Android (android.graphics.Color)	4287734912 (0xFF91A480)
YUV	154.2150, -12.9240, -8.0816
Hunter-Lab	58.3500, -14.0806, 15.0157

Details

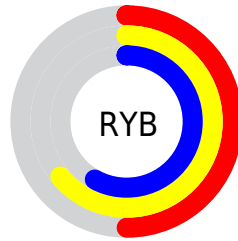
The CIELCh color **65, 21.258, 129.065** is a light color, and the websafe version is hex **999966**. A complement of this color would be **56, 21.856, 311.020**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 21.256, 129.214**, and **45, 20.955, 129.372** is the 20% darker color. If you saturate the color by 10%, you get **64, 30.866, 128.590**, and if you desaturate by 10%, it is **66, 11.576, 129.531**.

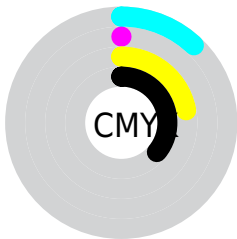
Distribution



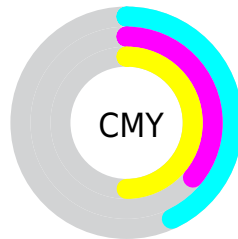
- Red (57%)
- Green (64%)
- Blue (50%)



- Red (50%)
- Yellow (64%)
- Blue (58%)



- Cyan (12%)
- Magenta (0%)
- Yellow (22%)
- Black (36%)





- Cyan (43%)
- Magenta (36%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 21.258, 129.065 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, 21.258, 129.065 by changing the saturation by 10% instead.


 65, 21.258,
129.065


 65, 21.258,
129.065


 100, 21.258,
129.065


 55, 21.258,
129.065


 85, 21.258,
129.065

 45, 21.258,
129.065

 95, 21.258,
129.065

 35, 21.258,
129.065

 25, 21.258,
129.065

 15, 21.258,
129.065

 5, 21.258, 129.065

 0, 21.258, 129.065

65, 21.258,
129.065

65, 21.258,
129.065

64, 30.866,
128.590

66, 11.576,
129.531

63, 40.280,
128.120

67, 1.894, 130.012

62, 49.339,
127.697

68, 7.727, 310.338

62, 57.809,
127.380

69, 17.248,
310.707

61, 65.371,
127.260

71, 26.640,
311.035

61, 71.628,
127.455

72, 35.883,
311.327


60, 76.212,
128.081

74, 44.963,
311.587

60, 78.925,

75, 51.938,
312.495

128.788

 76, 52.735,
315.543

Harmonies

Complementary

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



65, 21.258, 129.065



56, 21.856, 311.020

Rectangle

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



65, 21.258, 129.065



65, 21.258, 179.065



65, 21.258, 309.065



65, 21.258, 359.065

Sweetspot

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



65, 21.260, 129.067



85, 8.407, 129.751



62, 12.676, 74.483



45, 5.454, 129.726



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, 21.260, 129.067



82, 31.273, 128.852



64, 24.234, 143.482



34, 5.449, 129.654



54, 72.174, 128.625



4, 8.577, 131.554

Inverse Universe

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



56, 21.856, 311.020



70, 32.343, 311.243



58, 24.251, 326.067



32, 5.518, 310.420



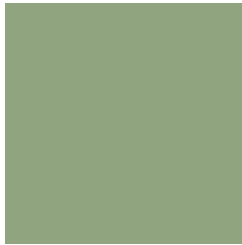
22, 81.438, 312.765



1, 8.398, 308.299

Previews

White Background



This preview shows how the CIELCh color 65, 21.258, 129.065 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, 21.258, 129.065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

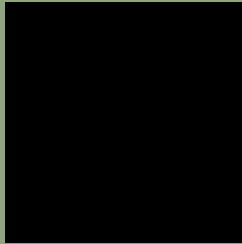
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 21.258, 129.065

Background



This preview shows how black text looks on a background with the CIELCh color 65, 21.258, 129.065.

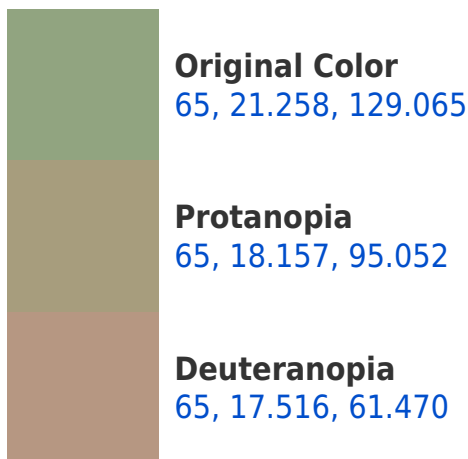


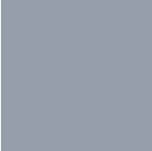
This preview shows how white text looks on a background with the CIELCh color 65, 21.258, 129.065.

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, 7.615, 271.339

Trichromacy



Original Color
65, 21.258, 129.065

Protanomaly
65, 18.188, 108.213

Deuteranomaly
65, 15.745, 90.249

Tritanomaly
65, 5.048, 165.670

Monochromacy



Original Color
65, 21.258, 129.065

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 8.258, 128.699

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 21.258, 129.065 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(145, 164, 128)` looks like.

```
.text, #text, p{  
    color:rgb(145, 164, 128)  
}
```

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(145, 164, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 164, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 21.258, 129.065 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(145, 164, 128) }
```

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

```
.border{ border-color:rgb(145, 164, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 164, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 164, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 164, 128);  
box-shadow:4px 4px 4px 4px rgb(145, 164,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 21.258, 129.065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 164, 128) }
```

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

```
.background{ background-color: rgb(145,  
164, 128) }
```

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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