

Converting Colors

CIELCh(65, 22.438, 129.339)

Have a look what the booklet for
CIELCh(65, 22.438, 129.339)
contains.

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Color

CIELCh(65, 22.428, 128.956)

Conversions

Conversions Part 1

Format	Color
Hex	90A47E
RGB	144, 164, 126
RGB Percent	56%, 64%, 49%
CMY	0.4348, 0.3563, 0.5054
CMYK	0.12, 0.00, 0.23, 0.36
HSL	92°, 17%, 57%
HSV	92°, 23%, 64%
XYZ	28.5961, 34.0472, 24.8450
YIQ	153.6880, 0.2780, -16.0580

Conversions

Conversions Part 2

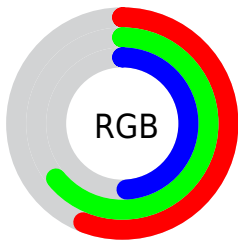
Format	Color
RYB	126, 164, 146
Decimal	9479294
CIELab	65.00, -14.10, 17.44
CIELCh	65, 22.428, 128.956
Yxy	34.0472, 0.3269, 0.3892
Android (android.graphics.Color)	4287669374 (0xFF90A47E)
YUV	153.6880, -13.6502, -8.4964
Hunter-Lab	58.3500, -14.6334, 15.5997

Details

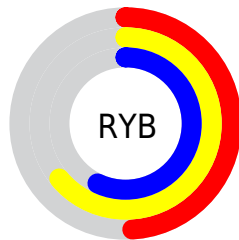
The CIELCh color $65, 22.428, 128.956$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $56, 23.097, 311.028$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 22.368, 129.124$, and $45, 22.198, 129.199$ is the 20% darker color. If you saturate the color by 10%, you get $64, 32.030, 128.480$, and if you desaturate by 10%, it is $66, 12.740, 129.425$.

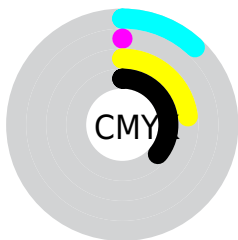
Distribution



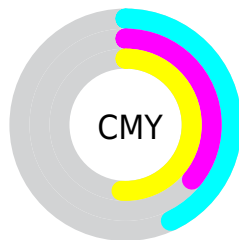
- Red (56%)
- Green (64%)
- Blue (49%)



- Red (49%)
- Yellow (64%)
- Blue (57%)



- Cyan (12%)
- Magenta (0%)
- Yellow (23%)
- Black (36%)





- Cyan (43%)
- Magenta (36%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 22.428, 128.956 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, 22.428, 128.956 by changing the saturation by 10% instead.


 65, 22.428,
128.956


 65, 22.428,
128.956


 100, 22.428,
128.956


 55, 22.428,
128.956


 85, 22.428,
128.956

 45, 22.428,
128.956

 95, 22.428,
128.956

 35, 22.428,
128.956

 25, 22.428,
128.956

 15, 22.428,
128.956

 5, 22.428, 128.956

 0, 22.428, 128.956

65, 22.428,
128.956

65, 22.428,
128.956

64, 32.030,
128.480

66, 12.740,
129.425

63, 41.421,
128.014

67, 3.044, 129.888

63, 50.433,
127.600

68, 6.599, 310.238

62, 58.822,
127.302

69, 16.145,
310.615

61, 66.257,
127.214

71, 25.565,
310.948

61, 72.337,
127.456

72, 34.838,
311.244


60, 76.708,
128.141

73, 43.950,
311.508

60, 78.997,

75, 51.685,
312.165

128.744

 76, 52.469,
315.225

Harmonies

Complementary

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



65, 22.428, 128.956



56, 23.097, 311.028

Rectangle

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



65, 22.428, 128.956



65, 22.428, 178.956



65, 22.428, 308.956



65, 22.428, 358.956

Sweetspot

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



65, 22.430, 128.958



85, 8.404, 129.699



62, 13.415, 74.336



45, 5.452, 129.674



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, 22.430, 128.958



82, 33.649, 128.702



64, 25.583, 143.390



34, 5.447, 129.602



54, 72.140, 128.578



4, 8.574, 131.508

Inverse Universe

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



56, 23.097, 311.028



68, 34.901, 311.296



58, 25.599, 326.131



32, 5.516, 310.368



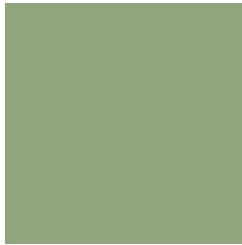
22, 81.464, 312.729



1, 8.396, 308.251

Previews

White Background



This preview shows how the CIELCh color 65, 22.428, 128.956 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 CIE LCh color 65, 22.428, 128.956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

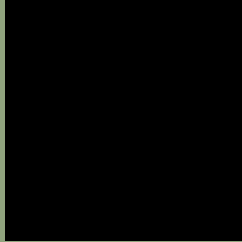
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 22.428, 128.956

Background



This preview shows how black text looks on a background with the CIELCh color 65, 22.428, 128.956.



This preview shows how white text looks on a background with the CIELCh color 65, 22.428, 128.956.

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

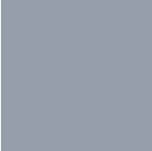
65, 22.428, 128.956

Protanopia

65, 19.328, 94.417

Deuteranopia

65, 18.236, 61.775



Tritanopia
65, 7.615, 271.339

Trichromacy



Original Color
65, 22.428, 128.956

Protanomaly
65, 19.811, 109.236

Deuteranomaly
65, 16.408, 89.380

Tritanomaly
65, 5.048, 165.670

Monochromacy



Original Color
65, 22.428, 128.956

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 8.401, 131.171

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 22.428, 128.956 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(144, 164, 126)` looks like.

```
.text, #text, p{  
    color:rgb(144, 164, 126)  
}
```

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(144, 164, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 164, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 22.428, 128.956 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(144, 164, 126) }
```

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

```
.border{ border-color:rgb(144, 164, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 164, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 164, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 164, 126);  
box-shadow:4px 4px 4px 4px rgb(144, 164,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 22.428, 128.956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 164, 126) }
```

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

```
.background{ background-color: rgb(144,  
164, 126) }
```

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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