

Converting Colors

CIELCh(64, 25.974, 140.168)

Have a look what the booklet for
CIELCh(64, 25.974, 140.168)
contains.

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Color

CIELCh(64, 25.685, 140.311)

Conversions

Conversions Part 1

Format	Color
Hex	81A47D
RGB	129, 164, 125
RGB Percent	51%, 64%, 49%
CMY	0.4933, 0.3560, 0.5090
CMYK	0.21, 0.00, 0.24, 0.36
HSL	114°, 18%, 57%
HSV	114°, 24%, 64%
XYZ	26.1173, 32.8017, 24.4287
YIQ	149.0890, -8.3410, -19.5490

Conversions

Conversions Part 2

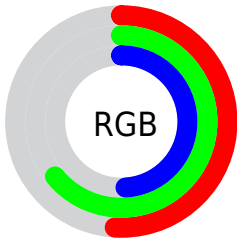
Format	Color
RYB	125, 164, 160
Decimal	8496253
CIELab	64.00, -19.77, 16.40
CIElCh	64, 25.685, 140.311
Yxy	32.8017, 0.3134, 0.3936
Android (android.graphics.Color)	4286686333 (0xFF81A47D)
YUV	149.0890, -11.8759, -17.6181
Hunter-Lab	57.2727, -18.8283, 14.8018

Details

The CIELCh color **64, 25.685, 140.311** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **57, 25.823, 322.763**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 25.608, 140.747**, and **44, 25.544, 140.294** is the 20% darker color. If you saturate the color by 10%, you get **63, 36.441, 139.603**, and if you desaturate by 10%, it is **65, 14.832, 140.937**.

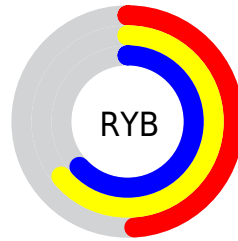
Distribution



Red (51%)

Green (64%)

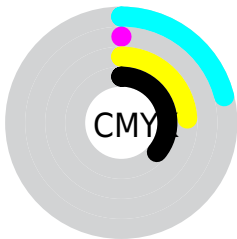
Blue (49%)



Red (49%)

Yellow (64%)

Blue (63%)

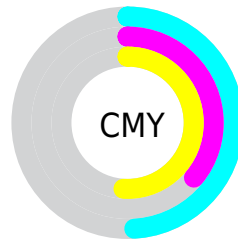


Cyan (21%)

Magenta (0%)

Yellow (24%)

Black (36%)



Cyan (49%)


Magenta (36%)


Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 25.685, 140.311 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 64, 25.685, 140.311 by changing the saturation by 10% instead.


 64, 25.685,
140.311


 64, 25.685,
140.311


 100, 25.685,
140.311


 54, 25.685,
140.311


 84, 25.685,
140.311

 44, 25.685,
140.311

 94, 25.685,
140.311

 34, 25.685,
140.311

 24, 25.685,
140.311

 14, 25.685,
140.311

 4, 25.685, 140.311

 0, 25.685, 140.311

■ 64, 25.685,
140.311

■ 64, 25.685,
140.311

■ 63, 36.441,
139.603

■ 65, 14.832,
140.937

■ 62, 46.905,
138.817

■ 67, 4.020, 141.510

■ 61, 56.829,
137.975

■ 68, 6.649, 321.889

■ 60, 65.891,
137.131

■ 70, 17.104,
322.300

■ 60, 73.691,
136.372

■ 72, 27.300,
322.639

■ 59, 79.785,
135.822

■ 74, 37.210,
322.924


■ 59, 83.805,
135.597

■ 76, 46.822,
323.166

■ 59, 85.549,

■ 78, 55.442,
323.825

135.485

 79, 56.601,
326.372

Harmonies

Complementary

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



64, 25.685, 140.311



57, 25.823, 322.763

Rectangle

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



64, 25.685, 140.311



64, 25.685, 190.311



64, 25.685, 320.311



64, 25.685, 10.311

Sweetspot

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



64, 25.686, 140.312



84, 9.332, 141.314



65, 19.057, 102.476



44, 6.056, 141.283



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



64, 25.686, 140.312



81, 38.914, 139.912



64, 20.087, 155.955



34, 6.053, 141.195



52, 78.153, 135.421



4, 9.420, 141.914

Inverse Universe

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



57, 25.823, 322.763



70, 39.150, 323.034



57, 20.402, 339.679



32, 6.074, 322.061



31, 76.538, 324.331



1, 9.308, 320.791

Previews

White Background



This preview shows how the CIELCh color 64, 25.685, 140.311 looks on a white background.

Color Contrast Check

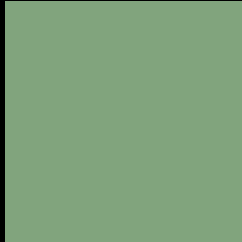
Large Text (above 18pt) WCAG AA × Fail

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 64, 25.685, 140.311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

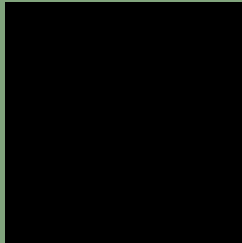
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 25.685, 140.311

Background



This preview shows how black text looks on a background with the CIELCh color 64, 25.685, 140.311.



This preview shows how white text looks on a background with the CIELCh color 64, 25.685, 140.311.

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
64, 25.685, 140.311

Protanopia
64, 18.860, 94.053

Deuteranopia
64, 17.249, 62.364



Tritanopia
64, 10.263, 244.098

Trichromacy



Original Color
64, 25.685, 140.311

Protanomaly
64, 19.482, 115.331

Deuteranomaly
64, 15.705, 99.437

Tritanomaly
64, 10.298, 179.505

Monochromacy



Original Color
64, 25.685, 140.311

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 9.835, 140.316

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 25.685, 140.311 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(129, 164, 125)` looks like.

```
.text, #text, p{  
    color:rgb(129, 164, 125)  
}
```

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(129, 164, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 164, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 25.685, 140.311 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(129, 164, 125) }
```

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

```
.border{ border-color:rgb(129, 164, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 164, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 164, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 164, 125);  
box-shadow:4px 4px 4px 4px rgb(129, 164,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 25.685, 140.311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 164, 125) }
```

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

```
.background{ background-color: rgb(129,  
164, 125) }
```

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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