

Converting Colors

CIELCh(64, 19.987, 125.299)

Have a look what the booklet for
CIELCh(64, 19.987, 125.299)
contains.

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Color

CIELCh(64, 19.630, 124.901)

Conversions

Conversions Part 1

Format	Color
Hex	92A07E
RGB	146, 160, 126
RGB Percent	57%, 63%, 49%
CMY	0.4271, 0.3722, 0.5055
CMYK	0.09, 0.00, 0.21, 0.37
HSL	85°, 15%, 56%
HSV	85°, 21%, 63%
XYZ	28.2287, 32.8017, 24.6122
YIQ	151.9380, 2.5700, -13.5420

Conversions

Conversions Part 2

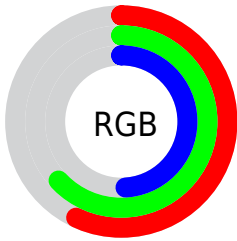
Format	Color
RYB	126, 160, 140
Decimal	9609342
CIELab	64.00, -11.23, 16.10
CIELCh	64, 19.630, 124.901
Yxy	32.8017, 0.3296, 0.3830
Android (android.graphics.Color)	4287799422 (0xFF92A07E)
YUV	151.9380, -12.7874, -5.2076
Hunter-Lab	57.2727, -12.2478, 14.6118

Details

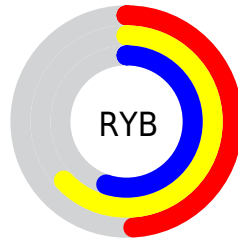
The CIELCh color $64, 19.630, 124.901$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $55, 20.311, 307.030$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 19.704, 125.292$, and $44, 19.878, 125.509$ is the 20% darker color. If you saturate the color by 10%, you get $63, 28.780, 124.399$, and if you desaturate by 10%, it is $65, 10.394, 125.404$.

Distribution



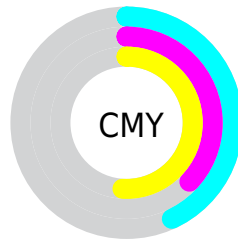
- Red (57%)
- Green (63%)
- Blue (49%)



- Red (49%)
- Yellow (63%)
- Blue (55%)



- Cyan (9%)
- Magenta (0%)
- Yellow (21%)
- Black (37%)





- Cyan (43%)
- Magenta (37%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 19.630, 124.901 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, 19.630, 124.901 by changing the saturation by 10% instead.


 64, 19.630,
124.901


 64, 19.630,
124.901


 100, 19.630,
124.901


 54, 19.630,
124.901


 84, 19.630,
124.901

 44, 19.630,
124.901

 94, 19.630,
124.901

 34, 19.630,
124.901

 24, 19.630,
124.901

 14, 19.630,
124.901

 4, 19.630, 124.901

 0, 19.630, 124.901

64, 19.630,
124.901

64, 19.630,
124.901

63, 28.780,
124.399

65, 10.394,
125.404

62, 37.738,
123.913

66, 1.139, 125.939

62, 46.357,
123.483

67, 8.083, 306.312

61, 54.419,
123.166

68, 17.238,
306.733

61, 61.624,
123.047

69, 26.298,
307.118

60, 67.593,
123.237

70, 35.244,
307.468

60, 71.960,
123.850

71, 44.065,
307.787

59, 74.708,

73, 52.751,
308.075

124.646

■ 73, 53.603,
310.220

Harmonies

Complementary

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



64, 19.630, 124.901



55, 20.311, 307.030

Rectangle

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



64, 19.630, 124.901



64, 19.630, 174.901



64, 19.630, 304.901



64, 19.630, 354.901

Sweetspot

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



64, 19.632, 124.903



83, 6.889, 125.657



60, 11.444, 61.764



44, 4.561, 125.627



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



64, 19.632, 124.903



81, 28.689, 124.689



63, 22.507, 140.548



33, 5.174, 125.503



53, 68.620, 124.487



4, 6.824, 127.022

Inverse Universe

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



55, 20.311, 307.030



68, 29.898, 307.280



57, 22.615, 322.717



31, 5.255, 306.371



20, 82.353, 310.305



1, 6.759, 305.157

Previews

White Background



This preview shows how the CIELCh color 64, 19.630, 124.901 looks on a white background.

Color Contrast Check

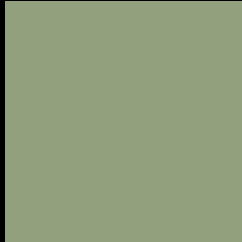
Large Text (above 18pt) WCAG AA × Fail

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 64, 19.630, 124.901 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

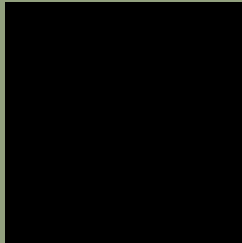
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

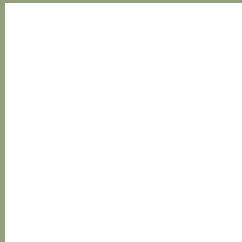
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 19.630, 124.901

Background



This preview shows how black text looks on a background with the CIELCh color 64, 19.630, 124.901.



This preview shows how white text looks on a background with the CIELCh color 64, 19.630, 124.901.

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, 19.630, 124.901

Protanopia

64, 18.200, 95.018

Deuteranopia

64, 17.249, 62.364



Tritanopia
64, 6.764, 281.473

Trichromacy



Original Color
64, 19.630, 124.901

Protanomaly
64, 18.231, 106.895

Deuteranomaly
64, 15.573, 86.743

Tritanomaly
64, 3.886, 153.494

Monochromacy



Original Color
64, 19.630, 124.901

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 6.975, 125.755

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 19.630, 124.901 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(146, 160, 126)` looks like.

```
.text, #text, p{  
    color:rgb(146, 160, 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(146, 160, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 160, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 19.630, 124.901 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(146, 160, 126) }
```

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

```
.border{ border-color:rgb(146, 160, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 160, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 160, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 160, 126);  
box-shadow:4px 4px 4px 4px rgb(146, 160,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 19.630, 124.901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 160, 126) }
```

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

```
.background{ background-color: rgb(146,  
160, 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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