

Converting Colors

CIELCh(64, 23.086, 131.656)

Have a look what the booklet for
CIELCh(64, 23.086, 131.656)
contains.

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Color

CIELCh(64, 22.955, 131.636)

Conversions

Conversions Part 1

Format	Color
Hex	8BA27C
RGB	139, 162, 124
RGB Percent	55%, 64%, 49%
CMY	0.4548, 0.3645, 0.5136
CMYK	0.14, 0.00, 0.23, 0.36
HSL	96°, 17%, 56%
HSV	96°, 23%, 64%
XYZ	27.2205, 32.8017, 23.9773
YIQ	150.7910, -1.5100, -16.6940

Conversions

Conversions Part 2

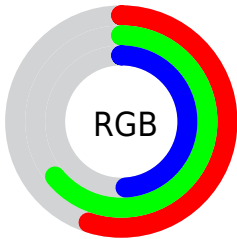
Format	Color
RYB	124, 162, 147
Decimal	9151100
CIELab	64.00, -15.25, 17.16
CIELCh	64, 22.955, 131.636
Yxy	32.8017, 0.3241, 0.3905
Android (android.graphics.Color)	4287341180 (0xFF8BA27C)
YUV	150.7910, -13.2080, -10.3407
Hunter-Lab	57.2727, -15.3900, 15.2691

Details

The CIELCh color **64, 22.955, 131.636** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **55, 23.512, 313.656**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 22.849, 131.680**, and **44, 22.618, 131.111** is the 20% darker color. If you saturate the color by 10%, you get **63, 32.678, 131.150**, and if you desaturate by 10%, it is **65, 13.154, 132.104**.

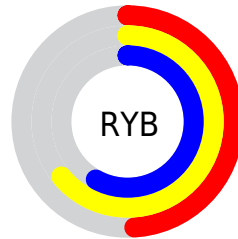
Distribution



Red (55%)

Green (64%)

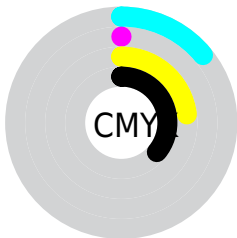
Blue (49%)



Red (49%)

Yellow (64%)

Blue (58%)

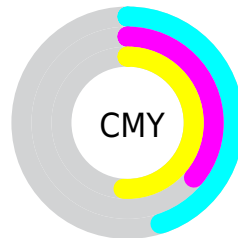


Cyan (14%)

Magenta (0%)

Yellow (23%)

Black (36%)



Cyan (45%)

Magenta (36%)

Yellow (51%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 22.955, 131.636 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, 22.955, 131.636 by changing the saturation by 10% instead.

 64, 22.955,
131.636

 64, 22.955,
131.636


 100, 22.955,
131.636


 54, 22.955,
131.636

 84, 22.955,
131.636

 44, 22.955,
131.636

 94, 22.955,
131.636

 34, 22.955,
131.636

 24, 22.955,
131.636

 14, 22.955,
131.636

 4, 22.955, 131.636

 0, 22.955, 131.636

64, 22.955,
131.636

64, 22.955,
131.636

63, 32.678,
131.150

65, 13.154,
132.104

62, 42.191,
130.662

66, 3.360, 132.561

61, 51.317,
130.212

67, 6.362, 312.889

61, 59.808,
129.864

69, 15.966,
313.249

60, 67.325,
129.711

70, 25.421,
313.560

60, 73.465,
129.875

72, 34.704,
313.833


59, 77.873,
130.467

73, 43.803,
314.072

59, 80.107,

75, 52.710,
314.280

130.952

 76, 54.329,
317.377

Harmonies

Complementary

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



64, 22.955, 131.636



55, 23.512, 313.656

Rectangle

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



64, 22.955, 131.636



64, 22.955, 181.636



64, 22.955, 311.636



64, 22.955, 1.636

Sweetspot

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



64, 22.957, 131.637



84, 8.488, 132.388



62, 14.259, 82.430



45, 5.561, 132.363



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, 22.957, 131.637



81, 34.044, 131.391



63, 24.203, 145.708



34, 5.556, 132.292



53, 73.858, 130.812



4, 8.729, 133.885

Inverse Universe

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



55, 23.512, 313.656



68, 35.056, 313.887



57, 24.241, 328.602



32, 5.614, 313.026



24, 80.137, 314.761



1, 8.532, 310.763

Previews

White Background



This preview shows how the CIELCh color 64, 22.955, 131.636 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, 22.955, 131.636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

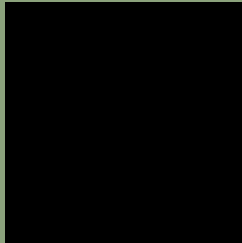
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 22.955, 131.636

Background



This preview shows how black text looks on a background with the CIELCh color 64, 22.955, 131.636.

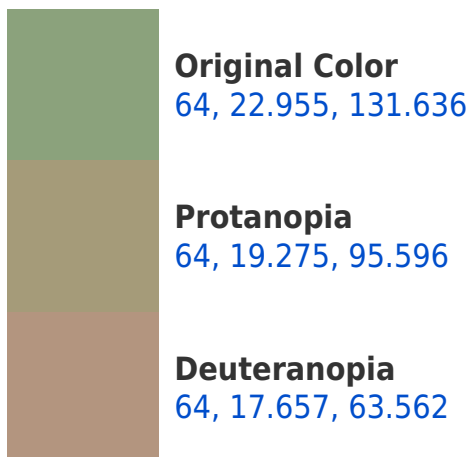


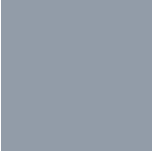
This preview shows how white text looks on a background with the CIELCh color 64, 22.955, 131.636.

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
64, 7.548, 261.979

Trichromacy



Original Color
64, 22.955, 131.636

Protanomaly
64, 19.870, 110.400

Deuteranomaly
64, 16.073, 93.563

Tritanomaly
64, 6.646, 168.640

Monochromacy



Original Color
64, 22.955, 131.636

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 8.431, 131.164

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 22.955, 131.636 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(139, 162, 124)` looks like.

```
.text, #text, p{  
    color:rgb(139, 162, 124)  
}
```

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(139, 162, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 162, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 22.955, 131.636 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(139, 162, 124) }
```

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

```
.border{ border-color:rgb(139, 162, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 162, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 162, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 162, 124);  
box-shadow:4px 4px 4px 4px rgb(139, 162,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 22.955, 131.636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 162, 124) }
```

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

```
.background{ background-color: rgb(139,  
162, 124) }
```

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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