

Converting Colors

CIELCh(64, 13.546, 173.871)

Have a look what the booklet for
CIELCh(64, 13.546, 173.871)
contains.

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Color

CIELCh(64, 13.546, 173.871)

Conversions

Conversions Part 1

Format	Color
Hex	81A298
RGB	129, 162, 152
RGB Percent	51%, 64%, 60%
CMY	0.4939, 0.3645, 0.4037
CMYK	0.20, 0.00, 0.06, 0.36
HSL	162°, 15%, 57%
HSV	162°, 20%, 64%
XYZ	27.6646, 32.8017, 34.6037
YIQ	150.9930, -16.4580, -10.1060

Conversions

Conversions Part 2

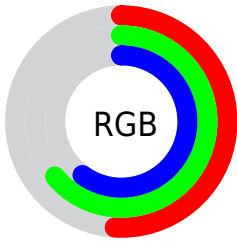
Format	Color
RYB	129, 148, 162
Decimal	8495768
CIELab	64.00, -13.47, 1.45
CIELCh	64, 13.546, 173.871
Yxy	32.8017, 0.2910, 0.3450
Android (android.graphics.Color)	4286685848 (0xFF81A298)
YUV	150.9930, 0.4965, -19.2879
Hunter-Lab	57.2727, -14.0059, 4.2684

Details

The CIELCh color **64, 13.546, 173.871** is a light color, and the websafe version is hex **669999**. A complement of this color would be **57, 14.344, 357.765**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 13.762, 173.493**, and **44, 13.405, 174.052** is the 20% darker color. If you saturate the color by 10%, you get **63, 19.909, 172.811**, and if you desaturate by 10%, it is **65, 6.960, 174.866**.

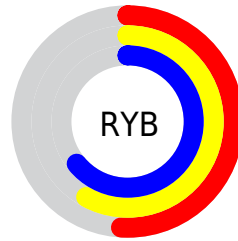
Distribution



Red (51%)

Green (64%)

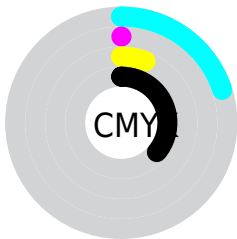
Blue (60%)



Red (51%)

Yellow (58%)

Blue (64%)

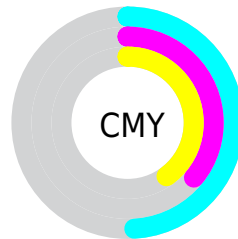


Cyan (20%)

Magenta (0%)

Yellow (6%)

Black (36%)



Cyan (49%)


Magenta (36%)


Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 13.546, 173.871 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, 13.546, 173.871 by changing the saturation by 10% instead.

 64, 13.546,
173.871


 64, 13.546,
173.871


 100, 13.546,
173.871


 54, 13.546,
173.871


 84, 13.546,
173.871

 44, 13.546,
173.871

 94, 13.546,
173.871

 34, 13.546,
173.871

 24, 13.546,
173.871

 14, 13.546,
173.871

 4, 13.546, 173.871

 0, 13.546, 173.871

64, 13.546,
173.871

64, 13.546,
173.871

63, 19.909,
172.811

65, 6.960, 174.866

62, 25.943,
171.665

67, 0.243, 177.393

68, 6.528, 356.501

61, 31.538,
170.407

70, 13.288,
357.338

60, 36.592,
169.014

71, 19.989,
358.114

60, 41.018,
167.462

73, 26.595,
358.850

60, 44.766,
165.730


75, 33.082,
359.553

59, 47.838,
163.804

77, 38.150,
359.216

59, 50.333,

161.846

 77, 38.947,
355.561

Harmonies

Complementary

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



64, 13.546, 173.871



57, 14.344, 357.765

Rectangle

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



64, 13.546, 173.871



64, 13.546, 223.871



64, 13.546, 353.871



64, 13.546, 43.871

Sweetspot

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



64, 13.547, 173.868



84, 5.019, 175.298



64, 20.381, 134.309



45, 3.355, 175.233



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, 13.547, 173.868



81, 19.736, 173.444



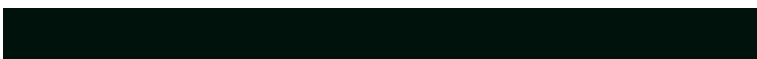
63, 10.183, 218.165



34, 3.823, 174.974



53, 46.314, 162.063



4, 6.201, 171.943

Inverse Universe

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



57, 14.344, 357.765



71, 21.152, 358.259



59, 11.635, 37.413



32, 3.924, 356.546



30, 57.256, 19.637



1, 5.910, 357.744

Previews

White Background



This preview shows how the CIELCh color 64, 13.546, 173.871 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, 13.546, 173.871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

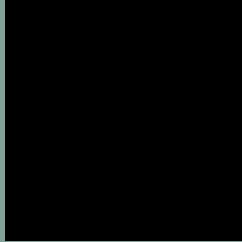
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

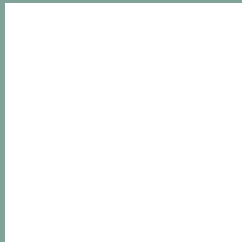
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 13.546, 173.871

Background



This preview shows how black text looks on a background with the CIELCh color 64, 13.546, 173.871.

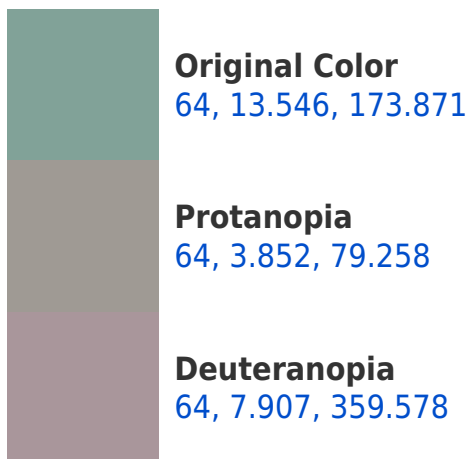


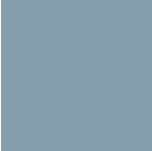
This preview shows how white text looks on a background with the CIELCh color 64, 13.546, 173.871.

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, 11.505, 238.045

Trichromacy



Original Color
64, 13.546, 173.871

Protanomaly
64, 5.673, 147.319

Deuteranomaly
64, 0.008, 296.813

Tritanomaly
64, 10.361, 214.289

Monochromacy



Original Color
64, 13.546, 173.871

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 5.113, 173.077

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 13.546, 173.871 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, 162, 152)` looks like.

```
.text, #text, p{  
    color:rgb(129, 162, 152)  
}
```

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, 162, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 162, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 13.546, 173.871 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, 162, 152) }
```

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

```
.border{ border-color:rgb(129, 162, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 162, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 162, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 162, 152);  
box-shadow:4px 4px 4px 4px rgb(129, 162,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 13.546, 173.871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 162, 152) }
```

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

```
.background{ background-color: rgb(129,  
162, 152) }
```

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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