

Converting Colors

CIELCh(64, 13.323, 176.404)

Have a look what the booklet for
CIELCh(64, 13.323, 176.404)
contains.

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Color

CIELCh(64, 13.288, 176.009)

Conversions

Conversions Part 1

Format	Color
Hex	81A299
RGB	129, 162, 153
RGB Percent	51%, 64%, 60%
CMY	0.4942, 0.3647, 0.4000
CMYK	0.20, 0.00, 0.06, 0.36
HSL	164°, 15%, 57%
HSV	164°, 20%, 64%
XYZ	27.7180, 32.8017, 35.0018
YIQ	151.1070, -16.7790, -9.7950

Conversions

Conversions Part 2

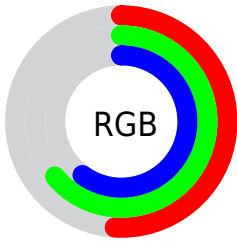
Format	Color
RYB	129, 148, 162
Decimal	8495769
CIELab	64.00, -13.26, 0.92
CIElCh	64, 13.288, 176.009
Yxy	32.8017, 0.2902, 0.3434
Android (android.graphics.Color)	4286685849 (0xFF81A299)
YUV	151.1070, 0.9332, -19.3878
Hunter-Lab	57.2727, -13.8397, 3.8563

Details

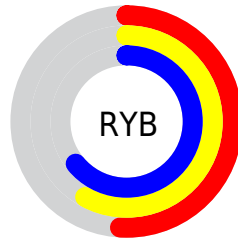
The CIELCh color **64, 13.288, 176.009** is a light color, and the websafe version is hex **669999**. A complement of this color would be **57, 14.163, 359.908**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 13.519, 175.476**, and **44, 13.123, 176.378** is the 20% darker color. If you saturate the color by 10%, you get **63, 19.493, 174.962**, and if you desaturate by 10%, it is **65, 6.842, 176.997**.

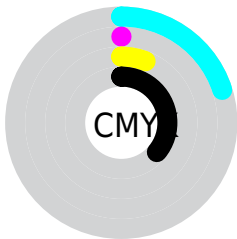
Distribution



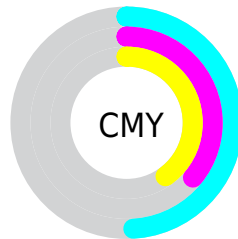
- Red (51%)
- Green (64%)
- Blue (60%)



- 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, 13.288, 176.009 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, 13.288, 176.009 by changing the saturation by 10% instead.

■ 64, 13.288,
176.009

■ 64, 13.288,
176.009

■ 100, 13.288,
176.009

■ 54, 13.288,
176.009

■ 84, 13.288,
176.009

■ 44, 13.288,
176.009

■ 94, 13.288,
176.009

■ 34, 13.288,
176.009

■ 24, 13.288,
176.009

■ 14, 13.288,
176.009

■ 4, 13.288, 176.009

■ 0, 13.288, 176.009

64, 13.288,
176.009

64, 13.288,
176.009

63, 19.493,
174.962

65, 6.842, 176.997

62, 25.349,
173.837

67, 0.244, 179.546

68, 6.425, 358.629

61, 30.751,
172.609

70, 13.101,
359.474

61, 35.596,
171.255

71, 19.734, 0.260

60, 39.803,
169.751

73, 26.286, 1.008

60, 43.326,
168.076

75, 32.733, 1.725

59, 46.167,
166.215

77, 37.785, 1.502

77, 38.398,
358.124

59, 48.437,

Harmonies

Complementary

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



64, 13.288, 176.009



57, 14.163, 359.908

Rectangle

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



64, 13.288, 176.009



64, 13.288, 226.009



64, 13.288, 356.009



64, 13.288, 46.009

Sweetspot

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



64, 13.289, 176.005



84, 4.935, 177.431



64, 20.583, 135.345



45, 3.298, 177.366



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, 13.289, 176.005



81, 19.346, 175.587



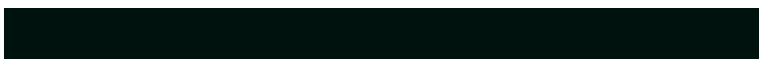
62, 10.022, 222.372



34, 3.757, 177.107



53, 44.598, 164.529



4, 6.085, 174.043

Inverse Universe

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



57, 14.163, 359.908



71, 20.900, 0.408



59, 11.412, 40.949



32, 3.867, 358.675



30, 58.071, 22.327



1, 5.831, 359.726

Previews

White Background



This preview shows how the CIELCh color 64, 13.288, 176.009 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, 13.288, 176.009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

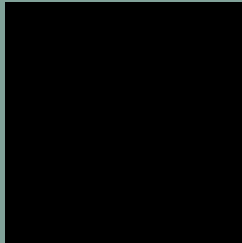
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

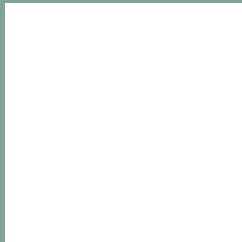
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 13.288, 176.009

Background



This preview shows how black text looks on a background with the CIELCh color 64, 13.288, 176.009.

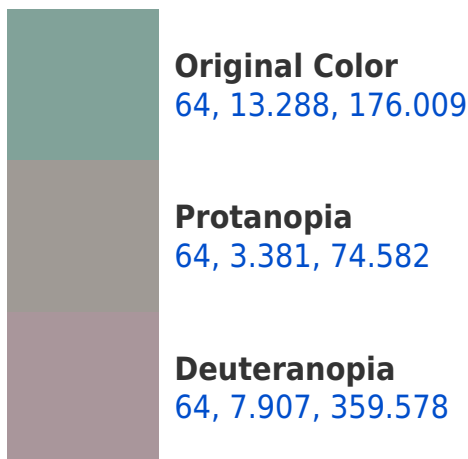


This preview shows how white text looks on a background with the CIELCh color 64, 13.288, 176.009.

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



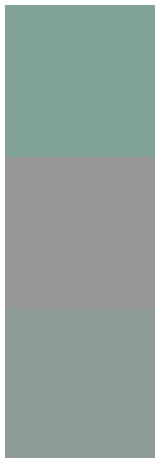
Original Color
64, 13.288, 176.009

Protanomaly
64, 5.240, 151.007

Deuteranomaly
64, 0.008, 296.813

Tritanomaly
64, 10.361, 214.289

Monochromacy



Original Color
64, 13.288, 176.009

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 4.876, 178.913

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 13.288, 176.009 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, 153)` looks like.

```
.text, #text, p{  
    color:rgb(129, 162, 153)  
}
```

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, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 162, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 13.288, 176.009 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, 153) }
```

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

```
.border{ border-color:rgb(129, 162, 153) }
```

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, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 162, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 162, 153);  
box-shadow:4px 4px 4px 4px rgb(129, 162,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 13.288, 176.009 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, 153) }
```

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

```
.background{ background-color: rgb(129,  
162, 153) }
```

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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