

Converting Colors

CIELCh(64, 17.948, 154.907)

Have a look what the booklet for
CIELCh(64, 17.948, 154.907)
contains.

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Color

CIELCh(64, 17.948, 154.907)

Conversions

Conversions Part 1

Format	Color
Hex	81A38D
RGB	129, 163, 141
RGB Percent	51%, 64%, 55%
CMY	0.4940, 0.3606, 0.4469
CMYK	0.21, 0.00, 0.13, 0.36
HSL	141°, 16%, 57%
HSV	141°, 21%, 64%
XYZ	26.9728, 32.8017, 30.1230
YIQ	150.3260, -13.2020, -14.0500

Conversions

Conversions Part 2

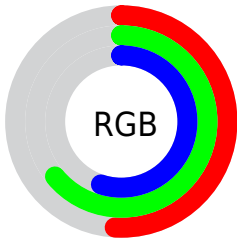
Format	Color
RYB	129, 154, 163
Decimal	8496013
CIELab	64.00, -16.25, 7.61
CIElCh	64, 17.948, 154.907
Yxy	32.8017, 0.3000, 0.3649
Android (android.graphics.Color)	4286686093 (0xFF81A38D)
YUV	150.3260, -4.5977, -18.7029
Hunter-Lab	57.2727, -16.1621, 8.9069

Details

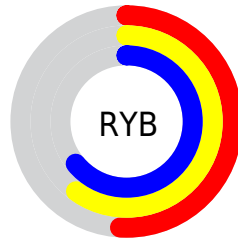
The CIELCh color $64, 17.948, 154.907$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $58, 18.159, 338.023$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 17.887, 155.606$, and $44, 17.782, 155.203$ is the 20% darker color. If you saturate the color by 10%, you get $63, 26.494, 153.958$, and if you desaturate by 10%, it is $65, 9.325, 155.750$.

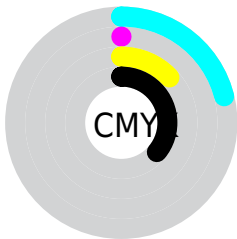
Distribution



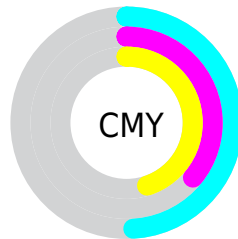
- Red (51%)
- Green (64%)
- Blue (55%)



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



- Cyan (21%)
- Magenta (0%)
- Yellow (13%)
- Black (36%)




- Cyan (49%)
- Magenta (36%)
- Yellow (45%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 17.948, 154.907 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, 17.948, 154.907 by changing the saturation by 10% instead.

 64, 17.948,
154.907

 64, 17.948,
154.907


 100, 17.948,
154.907


 54, 17.948,
154.907


 84, 17.948,
154.907

 44, 17.948,
154.907

 94, 17.948,
154.907

 34, 17.948,
154.907

 24, 17.948,
154.907

 14, 17.948,
154.907

 4, 17.948, 154.907

 0, 17.948, 154.907

■ 64, 17.948,
154.907

■ 64, 17.948,
154.907

■ 63, 26.494,
153.958

■ 65, 9.325, 155.750

■ 62, 34.832,
152.877

■ 67, 0.726, 156.869

■ 69, 7.767, 337.059

■ 61, 42.819,
151.641

■ 70, 16.095,
337.662

■ 60, 50.301,
150.229

■ 72, 24.217,
338.194

■ 59, 57.135,
148.629

■ 74, 32.108,
338.675

■ 59, 63.205,
146.842


■ 76, 39.755,
339.113

■ 59, 68.438,
144.891

■ 78, 46.101,
337.945

■ 59, 72.584,

143.100

 78, 49.825,
333.154

Harmonies

Complementary

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



64, 17.948, 154.907



58, 18.159, 338.023

Rectangle

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



64, 17.948, 154.907



64, 17.948, 204.907



64, 17.948, 334.907



64, 17.948, 24.907

Sweetspot

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



64, 17.949, 154.906



84, 6.358, 156.133



65, 19.325, 122.572



45, 4.252, 156.083



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, 17.949, 154.906



80, 26.594, 154.484



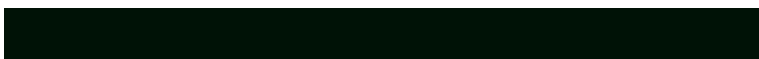
64, 12.787, 185.418



34, 4.859, 155.877



53, 66.390, 143.322



4, 7.737, 155.097

Inverse Universe

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



58, 18.159, 338.023



71, 26.960, 338.397



57, 14.069, 9.137



32, 4.891, 337.123



31, 59.061, 348.438



1, 7.245, 339.122

Previews

White Background



This preview shows how the CIELCh color 64, 17.948, 154.907 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, 17.948, 154.907 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

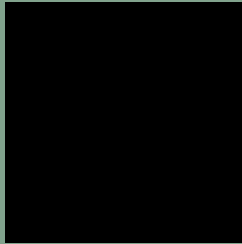
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

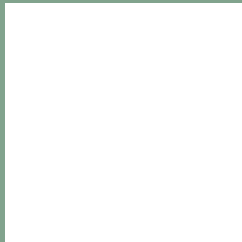
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 17.948, 154.907

Background



This preview shows how black text looks on a background with the CIELCh color 64, 17.948, 154.907.



This preview shows how white text looks on a background with the CIELCh color 64, 17.948, 154.907.

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, 17.948, 154.907

Protanopia
64, 10.500, 91.156

Deuteranopia
64, 10.422, 35.653



Tritanopia
64, 10.671, 237.840

Trichromacy



Original Color
64, 17.948, 154.907

Protanomaly
64, 10.921, 123.743

Deuteranomaly
64, 6.306, 94.964

Tritanomaly
64, 9.857, 198.574

Monochromacy



Original Color
64, 17.948, 154.907

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 6.745, 157.350

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 17.948, 154.907 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, 163, 141)` looks like.

```
.text, #text, p{  
    color:rgb(129, 163, 141)  
}
```

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, 163, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 163, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 17.948, 154.907 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, 163, 141) }
```

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

```
.border{ border-color:rgb(129, 163, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 163, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 163, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 163, 141);  
box-shadow:4px 4px 4px 4px rgb(129, 163,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 17.948, 154.907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 163, 141) }
```

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

```
.background{ background-color: rgb(129,  
163, 141) }
```

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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