

Converting Colors

CIELCh(64, 17.672, 164.285)

Have a look what the booklet for
CIELCh(64, 17.672, 164.285)
contains.

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Color

CIELCh(64, 17.831, 163.646)

Conversions

Conversions Part 1

Format	Color
Hex	7DA492
RGB	125, 164, 146
RGB Percent	49%, 64%, 57%
CMY	0.5113, 0.3584, 0.4290
CMYK	0.24, 0.00, 0.11, 0.36
HSL	152°, 18%, 57%
HSV	152°, 24%, 64%
XYZ	26.7627, 32.8017, 31.9556
YIQ	150.2870, -17.4660, -13.8660

Conversions

Conversions Part 2

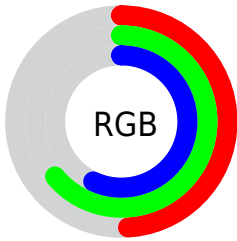
Format	Color
RYB	125, 150, 164
Decimal	8234130
CIELab	64.00, -17.11, 5.02
CIELCh	64, 17.831, 163.646
Yxy	32.8017, 0.2924, 0.3584
Android (android.graphics.Color)	4286424210 (0xFF7DA492)
YUV	150.2870, -2.1135, -22.1767
Hunter-Lab	57.2727, -16.8170, 7.0098

Details

The CIELCh color $64, 17.831, 163.646$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $56, 18.468, 347.952$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 17.830, 164.010$, and $44, 17.600, 164.425$ is the 20% darker color. If you saturate the color by 10%, you get $63, 25.096, 162.566$, and if you desaturate by 10%, it is $65, 10.392, 164.623$.

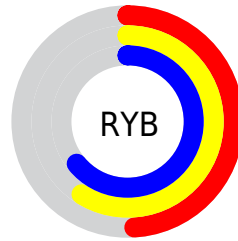
Distribution



Red (49%)

Green (64%)

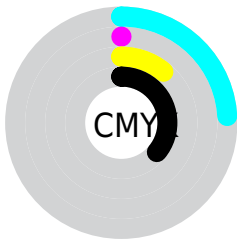
Blue (57%)



Red (49%)

Yellow (59%)

Blue (64%)

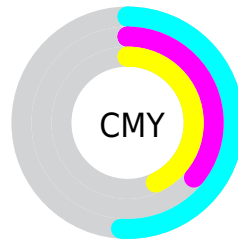


Cyan (24%)

Magenta (0%)

Yellow (11%)

Black (36%)



Cyan (51%)

Magenta (36%)

Yellow (43%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 17.831, 163.646 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, 17.831, 163.646 by changing the saturation by 10% instead.

 64, 17.831,
163.646


 64, 17.831,
163.646


 100, 17.831,
163.646


 54, 17.831,
163.646

 84, 17.831,
163.646

 44, 17.831,
163.646

 94, 17.831,
163.646

 34, 17.831,
163.646

 24, 17.831,
163.646

 14, 17.831,
163.646

 4, 17.831, 163.646

 0, 17.831, 163.646

64, 17.831,
163.646

64, 17.831,
163.646

63, 25.096,
162.566

65, 10.392,
164.623

62, 32.068,
161.363

67, 2.876, 165.589

61, 38.625,
160.010

68, 4.631, 346.185

60, 44.649,
158.484

70, 12.064,
346.970

60, 50.043,
156.763

72, 19.374,
347.666

59, 54.751,
154.835

73, 26.527,
348.309


59, 58.775,
152.708

75, 33.502,
348.911

59, 61.055,

77, 40.137,
349.308

151.394

 78, 42.101,
344.530

Harmonies

Complementary

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



64, 17.831, 163.646



56, 18.468, 347.952

Rectangle

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



64, 17.831, 163.646



64, 17.831, 213.646



64, 17.831, 343.646



64, 17.831, 33.646

Sweetspot

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



64, 17.832, 163.644



84, 6.487, 165.251



65, 23.062, 129.170



44, 4.249, 165.199



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, 17.832, 163.644



80, 26.644, 163.044



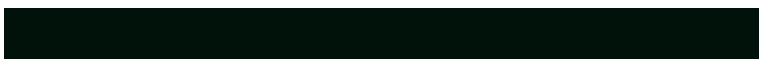
64, 13.400, 201.393



34, 4.243, 165.050



53, 55.707, 151.644



4, 6.856, 163.007

Inverse Universe

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



56, 18.468, 347.952



69, 27.822, 348.578



56, 15.702, 23.751



32, 4.305, 346.515



31, 55.570, 4.720



1, 6.432, 348.314

Previews

White Background



This preview shows how the CIELCh color 64, 17.831, 163.646 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, 17.831, 163.646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

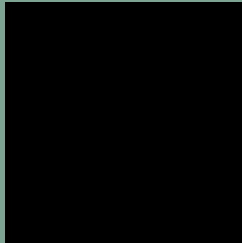
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 17.831, 163.646

Background



This preview shows how black text looks on a background with the CIELCh color 64, 17.831, 163.646.



This preview shows how white text looks on a background with the CIELCh color 64, 17.831, 163.646.

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, 17.831, 163.646

Protanopia
64, 7.733, 88.215

Deuteranopia
64, 9.101, 20.231



Tritanopia
64, 12.278, 231.849

Trichromacy



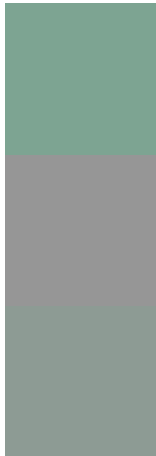
Original Color
64, 17.831, 163.646

Protanomaly
64, 8.570, 133.547

Deuteranomaly
64, 3.353, 103.128

Tritanomaly
64, 11.865, 201.112

Monochromacy



Original Color
64, 17.831, 163.646

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 6.677, 162.965

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 17.831, 163.646 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(125, 164, 146)` looks like.

```
.text, #text, p{  
    color:rgb(125, 164, 146)  
}
```

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(125, 164, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 164, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 17.831, 163.646 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(125, 164, 146) }
```

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

```
.border{ border-color:rgb(125, 164, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 164, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 164, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 164, 146);  
box-shadow:4px 4px 4px 4px rgb(125, 164,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 17.831, 163.646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 164, 146) }
```

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

```
.background{ background-color: rgb(125,  
164, 146) }
```

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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