

Converting Colors

CIELCh(64, 18.562, 165.860)

Have a look what the booklet for
CIELCh(64, 18.562, 165.860)
contains.

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Color

CIELCh(64, 18.704, 165.329)

Conversions

Conversions Part 1

Format	Color
Hex	7AA492
RGB	122, 164, 146
RGB Percent	48%, 64%, 57%
CMY	0.5212, 0.3565, 0.4271
CMYK	0.26, 0.00, 0.11, 0.36
HSL	154°, 19%, 56%
HSV	154°, 26%, 64%
XYZ	26.5222, 32.8017, 32.1605
YIQ	149.3900, -19.2540, -14.5020

Conversions

Conversions Part 2

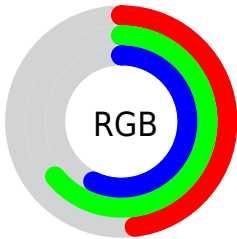
Format	Color
RYB	122, 149, 164
Decimal	8037522
CIELab	64.00, -18.09, 4.74
CIELCh	64, 18.704, 165.329
Yxy	32.8017, 0.2899, 0.3585
Android (android.graphics.Color)	4286227602 (0xFF7AA492)
YUV	149.3900, -1.6713, -24.0210
Hunter-Lab	57.2727, -17.5666, 6.7976

Details

The CIELCh color $64, 18.704, 165.329$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $56, 19.541, 350.126$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 18.681, 165.666$, and $44, 18.489, 166.046$ is the 20% darker color. If you saturate the color by 10%, you get $63, 25.731, 164.219$, and if you desaturate by 10%, it is $65, 11.468, 166.336$.

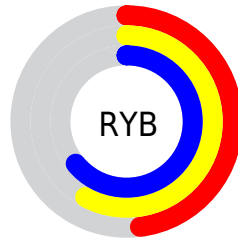
Distribution



Red (48%)

Green (64%)

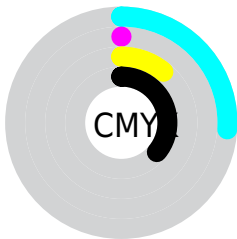
Blue (57%)



Red (48%)

Yellow (58%)

Blue (64%)

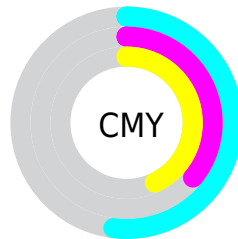


Cyan (26%)

Magenta (0%)

Yellow (11%)

Black (36%)



Cyan (52%)


Magenta (36%)


Yellow (43%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 18.704, 165.329 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, 18.704, 165.329 by changing the saturation by 10% instead.

 64, 18.704,
165.329

 64, 18.704,
165.329


 100, 18.704,
165.329


 54, 18.704,
165.329


 84, 18.704,
165.329

 44, 18.704,
165.329

 94, 18.704,
165.329

 34, 18.704,
165.329

 24, 18.704,
165.329

 14, 18.704,
165.329

 4, 18.704, 165.329

 0, 18.704, 165.329

■ 64, 18.704,
165.329

■ 64, 18.704,
165.329

■ 63, 25.731,
164.219

■ 65, 11.468,
166.336

■ 62, 32.429,
162.985

■ 67, 4.122, 167.300

■ 61, 38.680,
161.601

■ 68, 3.245, 347.927

■ 61, 44.371,
160.044

■ 70, 10.565,
348.777

■ 60, 49.419,
158.292

■ 71, 17.783,
349.508

■ 60, 53.779,
156.334

■ 73, 24.864,
350.185


■ 59, 57.481,
154.184

■ 75, 31.782,
350.821

■ 59, 59.016,

■ 77, 38.521,
351.421

153.256

 78, 40.696,
347.245

Harmonies

Complementary

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



64, 18.704, 165.329



56, 19.541, 350.126

Rectangle

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



64, 18.704, 165.329



64, 18.704, 215.329



64, 18.704, 345.329



64, 18.704, 35.329

Sweetspot

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



64, 18.705, 165.327



84, 7.317, 167.048



65, 25.045, 130.234



44, 5.191, 166.910



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, 18.705, 165.327



81, 27.974, 164.678



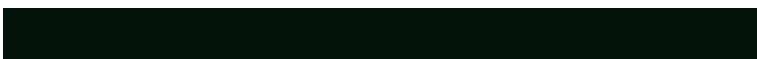
64, 13.883, 204.750



34, 4.146, 166.942



53, 53.734, 153.511



4, 6.715, 164.615

Inverse Universe

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



56, 19.541, 350.126



68, 29.523, 350.830



56, 16.519, 26.634



32, 4.215, 348.440



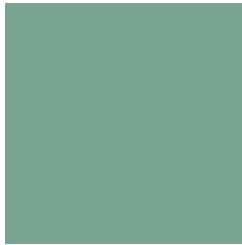
30, 55.549, 7.844



1, 6.311, 350.139

Previews

White Background



This preview shows how the CIELCh color 64, 18.704, 165.329 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 CIE LCh color 64, 18.704, 165.329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

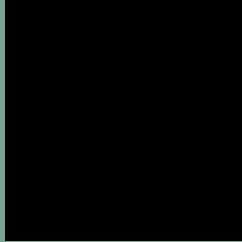
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 18.704, 165.329

Background



This preview shows how black text looks on a background with the CIELCh color 64, 18.704, 165.329.

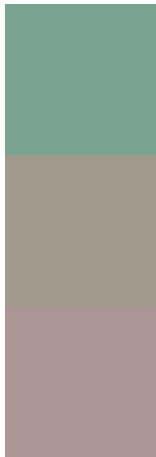


This preview shows how white text looks on a background with the CIELCh color 64, 18.704, 165.329.

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, 18.704, 165.329

Protanopia
64, 7.733, 88.215

Deuteranopia
64, 9.101, 20.231



Tritanopia
64, 13.351, 231.670

Trichromacy



Original Color
64, 18.704, 165.329

Protanomaly
64, 9.411, 136.390

Deuteranomaly
63, 3.335, 109.799

Tritanomaly
64, 12.846, 203.339

Monochromacy



Original Color
64, 18.704, 165.329

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 6.677, 168.618

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 18.704, 165.329 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(122, 164, 146)` looks like.

```
.text, #text, p{  
    color:rgb(122, 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(122, 164, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 164, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 18.704, 165.329 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(122, 164, 146) }
```

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

```
.border{ border-color:rgb(122, 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(122, 164, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 164, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 164, 146);  
box-shadow:4px 4px 4px 4px rgb(122, 164,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 18.704, 165.329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 164, 146) }
```

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

```
.background{ background-color: rgb(122,  
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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