

Converting Colors

CIELCh(64, 14.433, 198.144)

Have a look what the booklet for
CIELCh(64, 14.433, 198.144)
contains.

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Color

CIELCh(64, 14.527, 198.168)

Conversions

Conversions Part 1

Format	Color
Hex	7AA3A3
RGB	122, 163, 163
RGB Percent	48%, 64%, 64%
CMY	0.5230, 0.3623, 0.3623
CMYK	0.25, 0.00, 0.00, 0.36
HSL	180°, 18%, 56%
HSV	180°, 25%, 64%
XYZ	27.5810, 32.8017, 39.3509
YIQ	150.7410, -24.4360, -8.6920

Conversions

Conversions Part 2

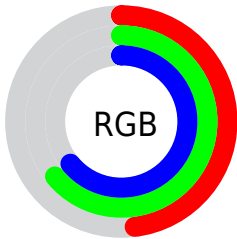
Format	Color
R_{YB}	122, 143, 163
Decimal	8037283
CIE _{Lab}	64.00, -13.80, -4.53
CIE _{LCh}	64, 14.527, 198.168
Yxy	32.8017, 0.2765, 0.3289
Android (android.graphics.Color)	4286227363 (0xFF7AA3A3)
YUV	150.7410, 6.0437, -25.2059
Hunter-Lab	57.2727, -14.2665, -0.6460

Details

The CIELCh color **64, 14.527, 198.168** is a light color, and the websafe version is hex **669999**. A complement of this color would be **55, 17.144, 21.306**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 14.674, 198.409**, and **44, 14.334, 197.786** is the 20% darker color. If you saturate the color by 10%, you get **63, 19.531, 197.729**, and if you desaturate by 10%, it is **65, 9.044, 198.658**.

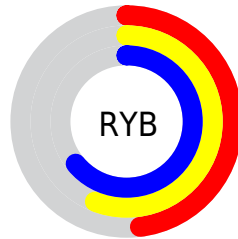
Distribution



Red (48%)

Green (64%)

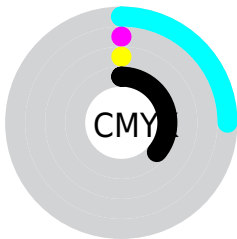
Blue (64%)



Red (48%)

Yellow (56%)

Blue (64%)

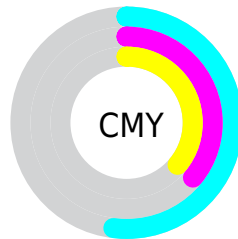


Cyan (25%)

Magenta (0%)

Yellow (0%)

Black (36%)



Cyan (52%)

Magenta (36%)

Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 14.527, 198.168 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, 14.527, 198.168 by changing the saturation by 10% instead.

 64, 14.527,
198.168

 64, 14.527,
198.168


 100, 14.527,
198.168

 54, 14.527,
198.168


 84, 14.527,
198.168

 44, 14.527,
198.168

 94, 14.527,
198.168

 34, 14.527,
198.168

 24, 14.527,
198.168

 14, 14.527,
198.168

 4, 14.527, 198.168

 0, 14.527, 198.168

■ 64, 14.527,
198.168

■ 64, 14.527,
198.168

■ 63, 19.531,
197.729

■ 65, 9.044, 198.658

■ 62, 23.959,
197.353

■ 66, 3.176, 199.270

■ 67, 2.986, 19.512

■ 62, 27.729,
197.039

■ 69, 9.361, 20.196

■ 61, 30.778,
196.788

■ 70, 15.879, 20.811

■ 72, 22.482, 21.428

■ 61, 33.073,
196.602

■ 74, 29.124, 22.047

■ 61, 34.623,
196.476

■ 76, 35.769, 22.666

■ 76, 37.102, 22.789

■ 61, 35.491,
196.406

■ 61, 35.796,

Harmonies

Complementary

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



64, 14.527, 198.168



55, 17.144, 21.306

Rectangle

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



64, 14.527, 198.168



64, 14.527, 248.168



64, 14.527, 18.168



64, 14.527, 68.168

Sweetspot

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



64, 14.527, 198.163



84, 6.006, 199.061



63, 27.802, 142.388



44, 4.287, 198.971



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, 14.527, 198.163



81, 21.012, 197.924



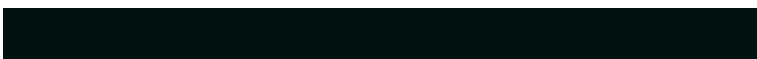
58, 13.287, 257.256



34, 3.428, 198.991



54, 32.967, 196.382



4, 5.463, 199.419

Inverse Universe

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



55, 17.144, 21.306



68, 25.793, 21.907



60, 14.307, 70.583



32, 3.629, 19.901



30, 68.062, 39.263



1, 5.464, 19.403

Previews

White Background



This preview shows how the CIE LCh color 64, 14.527, 198.168 looks on a white background.

Color Contrast Check

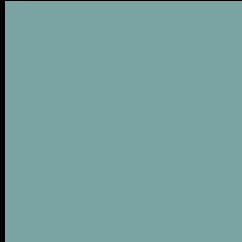
Large Text (above 18pt) WCAG AA × Fail

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, 14.527, 198.168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

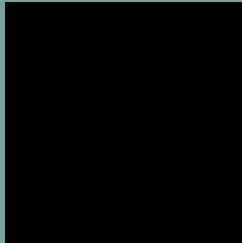
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 14.527, 198.168

Background



This preview shows how black text looks on a background with the CIELCh color 64, 14.527, 198.168.

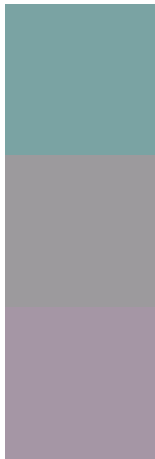


This preview shows how white text looks on a background with the CIELCh color 64, 14.527, 198.168.

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, 14.527, 198.168

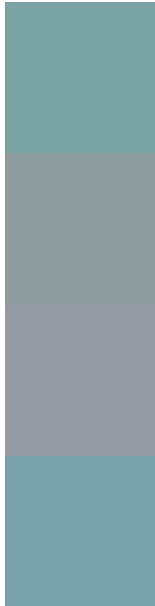
Protanopia
64, 1.854, 314.669

Deuteranopia
64, 10.162, 324.909



Tritanopia
64, 14.427, 228.821

Trichromacy



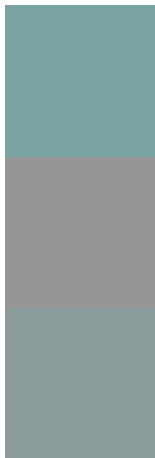
Original Color
64, 14.527, 198.168

Protanomaly
64, 4.952, 212.123

Deuteranomaly
64, 5.453, 266.659

Tritanomaly
64, 14.131, 216.843

Monochromacy



Original Color
64, 14.527, 198.168

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 5.617, 198.972

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 14.527, 198.168 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, 163, 163)` looks like.

```
.text, #text, p{  
    color:rgb(122, 163, 163)  
}
```

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, 163, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 163, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 14.527, 198.168 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, 163, 163) }
```

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

```
.border{ border-color:rgb(122, 163, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 163, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 163, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 163, 163);  
box-shadow:4px 4px 4px 4px rgb(122, 163,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 14.527, 198.168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 163, 163) }
```

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

```
.background{ background-color: rgb(122,  
163, 163) }
```

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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