

Converting Colors

CIELCh(64, 15.396, 204.405)

Have a look what the booklet for
CIELCh(64, 15.396, 204.405)
contains.

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Color

CIELCh(64, 15.388, 204.407)

Conversions

Conversions Part 1

Format	Color
Hex	77A3A6
RGB	119, 163, 166
RGB Percent	47%, 64%, 65%
CMY	0.5339, 0.3613, 0.3496
CMYK	0.28, 0.02, 0.00, 0.35
HSL	184°, 21%, 56%
HSV	184°, 28%, 65%
XYZ	27.5285, 32.8017, 40.8861
YIQ	150.1860, -27.1870, -8.3950

Conversions

Conversions Part 2

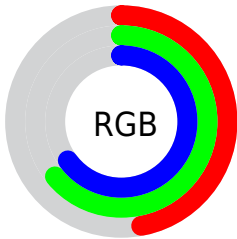
Format	Color
RYB	119, 142, 166
Decimal	7840678
CIELab	64.00, -14.01, -6.36
CIELCh	64, 15.388, 204.407
Yxy	32.8017, 0.2720, 0.3241
Android (android.graphics.Color)	4286030758 (0xFF77A3A6)
YUV	150.1860, 7.7963, -27.3501
Hunter-Lab	57.2727, -14.4301, -2.2352

Details

The CIELCh color `64, 15.388, 204.407` is a light color, and the websafe version is hex `669999`. A complement of this color would be `55, 18.695, 26.615`, and the grayscale version is `62, 0.008, 296.813`.

A 20% lighter version of the original color is `84, 15.247, 204.377`, and `44, 15.406, 204.471` is the 20% darker color. If you saturate the color by 10%, you get `63, 19.979, 204.312`, and if you desaturate by 10%, it is `65, 10.304, 204.597`.

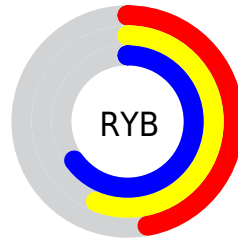
Distribution



Red (47%)

Green (64%)

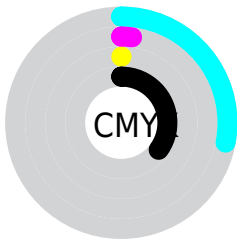
Blue (65%)



Red (47%)

Yellow (56%)

Blue (65%)

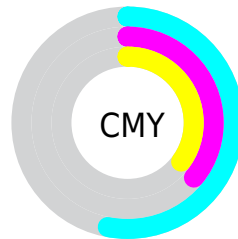


Cyan (28%)

Magenta (2%)

Yellow (0%)

Black (35%)



Cyan (53%)


Magenta (36%)


Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 15.388, 204.407 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, 15.388, 204.407 by changing the saturation by 10% instead.


 64, 15.388,
204.407


 64, 15.388,
204.407


 100, 15.388,
204.407


 54, 15.388,
204.407


 84, 15.388,
204.407

 44, 15.388,
204.407

 94, 15.388,
204.407

 34, 15.388,
204.407

 24, 15.388,
204.407

 14, 15.388,
204.407

 4, 15.388, 204.407

 0, 15.388, 204.407

64, 15.388,
204.407

64, 15.388,
204.407

63, 19.979,
204.312

65, 10.304,
204.597

62, 23.983,
204.341

67, 4.817, 204.909

68, 0.984, 24.637

61, 27.320,
204.509

70, 7.022, 25.429

60, 29.928,
204.836

72, 13.229, 25.867

59, 31.782,
205.343

74, 19.549, 26.311

76, 25.938, 26.767

59, 32.896,
206.050

78, 32.359, 27.231

58, 33.401,
206.944

78, 33.433, 28.071

58, 33.470,

Harmonies

Complementary

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



64, 15.388, 204.407



55, 18.695, 26.615

Rectangle

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



64, 15.388, 204.407



64, 15.388, 254.407



64, 15.388, 24.407



64, 15.388, 74.407

Sweetspot

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



64, 15.388, 204.403



85, 6.453, 204.876



64, 30.851, 143.869



45, 4.504, 204.824



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



64, 15.388, 204.403



81, 22.389, 204.333



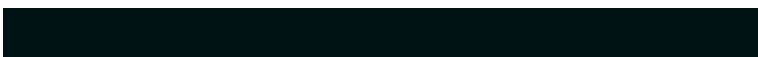
57, 16.199, 264.995



35, 3.301, 204.871



52, 30.790, 206.987



5, 6.039, 207.458

Inverse Universe

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



56, 30.577, 327.774



69, 45.473, 328.122



61, 17.080, 77.034



33, 6.156, 326.693



34, 73.299, 330.894



2, 10.985, 326.919

Previews

White Background



This preview shows how the CIELCh color 64, 15.388, 204.407 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, 15.388, 204.407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

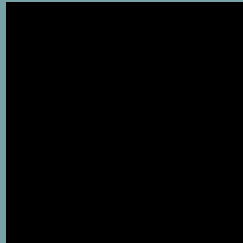
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 15.388, 204.407

Background



This preview shows how black text looks on a background with the CIELCh color 64, 15.388, 204.407.

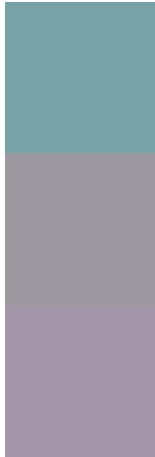


This preview shows how white text looks on a background with the CIELCh color 64, 15.388, 204.407.

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, 15.388, 204.407

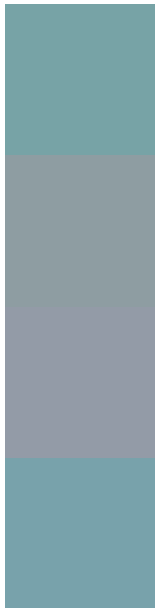
Protanopia
64, 3.447, 303.232

Deuteranopia
64, 11.227, 316.862



Tritanopia
64, 15.315, 224.415

Trichromacy



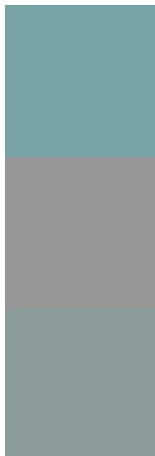
Original Color
64, 15.388, 204.407

Protanomaly
64, 6.135, 226.151

Deuteranomaly
64, 7.252, 267.055

Tritanomaly
64, 15.141, 217.753

Monochromacy



Original Color
64, 15.388, 204.407

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 5.980, 204.327

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 15.388, 204.407 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(119, 163, 166)` looks like.

```
.text, #text, p{  
    color:rgb(119, 163, 166)  
}
```

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(119, 163, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 163, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 15.388, 204.407 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(119, 163, 166) }
```

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

```
.border{ border-color:rgb(119, 163, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 163, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 163, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 163, 166);  
box-shadow:4px 4px 4px 4px rgb(119, 163,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 15.388, 204.407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 163, 166) }
```

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

```
.background{ background-color: rgb(119,  
163, 166) }
```

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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