

Converting Colors

CIELCh(64, 10.977, 198.453)

Have a look what the booklet for
CIELCh(64, 10.977, 198.453)
contains.

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Color

CIELCh(64, 10.882, 198.484)

Conversions

Conversions Part 1

Format	Color
Hex	83A1A1
RGB	131, 161, 161
RGB Percent	51%, 63%, 63%
CMY	0.4870, 0.3693, 0.3694
CMYK	0.19, 0.00, 0.00, 0.37
HSL	180°, 14%, 57%
HSV	180°, 19%, 63%
XYZ	28.4606, 32.8017, 38.4631
YIQ	152.0300, -17.8800, -6.3600

Conversions

Conversions Part 2

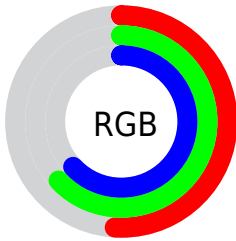
Format	Color
RYB	131, 146, 161
Decimal	8626593
CIELab	64.00, -10.32, -3.45
CIElCh	64, 10.882, 198.484
Yxy	32.8017, 0.2854, 0.3289
Android (android.graphics.Color)	4286816673 (0xFF83A1A1)
YUV	152.0300, 4.4222, -18.4433
Hunter-Lab	57.2727, -11.5252, 0.2731

Details

The CIELCh color $64, 10.882, 198.484$ is a light color, and the websafe version is hex 669999 . A complement of this color would be $57, 12.261, 20.667$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 11.104, 198.665$, and $44, 10.639, 201.456$ is the 20% darker color. If you saturate the color by 10%, you get $63, 16.164, 198.005$, and if you desaturate by 10%, it is $65, 5.188, 199.027$.

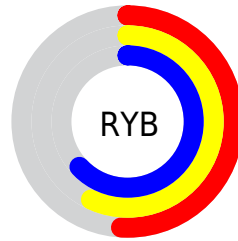
Distribution



Red (51%)

Green (63%)

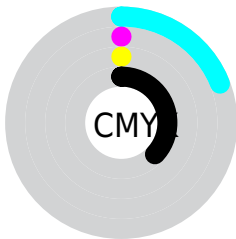
Blue (63%)



Red (51%)

Yellow (57%)

Blue (63%)

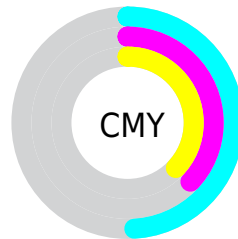


Cyan (19%)

Magenta (0%)

Yellow (0%)

Black (37%)



Cyan (49%)

Magenta (37%)

Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 10.882, 198.484 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, 10.882, 198.484 by changing the saturation by 10% instead.

 64, 10.882,
198.484


 64, 10.882,
198.484


 100, 10.882,
198.484

 54, 10.882,
198.484


 84, 10.882,
198.484

 44, 10.882,
198.484

 94, 10.882,
198.484

 34, 10.882,
198.484

 24, 10.882,
198.484

 14, 10.882,
198.484

 4, 10.882, 198.484

 0, 10.882, 198.484

64, 10.882,
198.484

64, 10.882,
198.484

63, 16.164,
198.005

65, 5.188, 199.027

62, 20.938,
197.591

66, 0.827, 18.907

68, 7.080, 19.975

61, 25.112,
197.235

69, 13.496, 20.596

61, 28.611,
196.943

71, 20.016, 21.210

72, 26.589, 21.828

60, 31.381,
196.714

74, 33.176, 22.447

60, 33.402,
196.548

76, 37.923, 22.892

76, 37.922, 22.891

60, 34.699,
196.442

60, 35.417,

196.383

■ 60, 35.503,
196.376

Harmonies

Complementary

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



64, 10.882, 198.484



57, 12.261, 20.667

Rectangle

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



64, 10.882, 198.484



64, 10.882, 248.484



64, 10.882, 18.484



64, 10.882, 68.484

Sweetspot

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



64, 10.883, 198.477



83, 4.482, 199.197



63, 20.369, 142.876



44, 2.963, 199.154



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



64, 10.883, 198.477



81, 15.707, 198.293



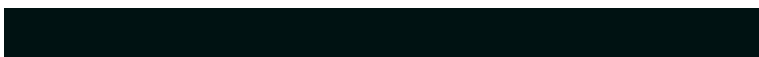
60, 9.792, 256.159



34, 3.428, 198.988



54, 32.968, 196.376



4, 5.463, 199.414

Inverse Universe

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



57, 12.261, 20.667



71, 18.168, 21.019



61, 10.322, 71.362



32, 3.629, 19.898



30, 68.061, 39.262



1, 5.464, 19.400

Previews

White Background



This preview shows how the CIELCh color 64, 10.882, 198.484 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, 10.882, 198.484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

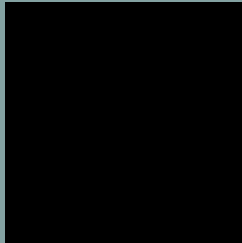
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 10.882, 198.484

Background



This preview shows how black text looks on a background with the CIELCh color 64, 10.882, 198.484.

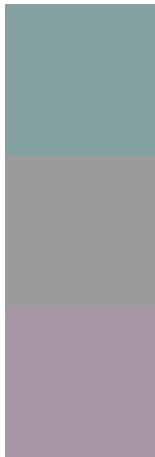


This preview shows how white text looks on a background with the CIELCh color 64, 10.882, 198.484.

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

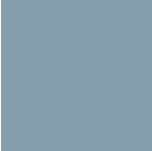
64, 10.882, 198.484

Protanopia

64, 2.045, 324.439

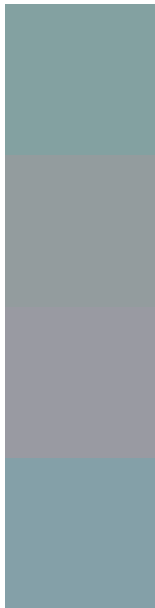
Deuteranopia

64, 9.510, 330.650



Tritanopia
64, 11.505, 238.045

Trichromacy



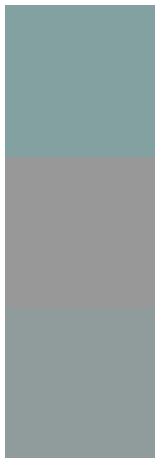
Original Color
64, 10.882, 198.484

Protanomaly
64, 3.540, 217.642

Deuteranomaly
64, 4.478, 285.870

Tritanomaly
64, 10.800, 223.157

Monochromacy



Original Color
64, 10.882, 198.484

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 4.145, 199.135

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 10.882, 198.484 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(131, 161, 161)` looks like.

```
.text, #text, p{  
    color:rgb(131, 161, 161)  
}
```

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(131, 161, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 161, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 10.882, 198.484 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(131, 161, 161) }
```

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

```
.border{ border-color:rgb(131, 161, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 161, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 161, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 161, 161);  
box-shadow:4px 4px 4px 4px rgb(131, 161,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 10.882, 198.484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 161, 161) }
```

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

```
.background{ background-color: rgb(131,  
161, 161) }
```

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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