

Converting Colors

CIELCh(64, 10.961, 185.826)

Have a look what the booklet for
CIELCh(64, 10.961, 185.826)
contains.

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Color

CIELCh(64, 10.940, 186.659)

Conversions

Conversions Part 1

Format	Color
Hex	84A19D
RGB	132, 161, 157
RGB Percent	52%, 63%, 62%
CMY	0.4826, 0.3689, 0.3845
CMYK	0.18, 0.00, 0.02, 0.37
HSL	172°, 13%, 57%
HSV	172°, 18%, 63%
XYZ	28.3216, 32.8017, 36.7100
YIQ	151.8730, -16.0000, -7.3920

Conversions

Conversions Part 2

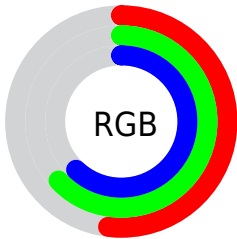
Format	Color
RYB	132, 148, 161
Decimal	8692125
CIELab	64.00, -10.87, -1.27
CIELCh	64, 10.940, 186.659
Yxy	32.8017, 0.2895, 0.3353
Android (android.graphics.Color)	4286882205 (0xFF84A19D)
YUV	151.8730, 2.5276, -17.4286
Hunter-Lab	57.2727, -11.9585, 2.0879

Details

The CIELCh color $64, 10.940, 186.659$ is a light color, and the websafe version is hex 669999 . A complement of this color would be $58, 11.904, 9.739$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 11.110, 187.679$, and $44, 10.665, 188.415$ is the 20% darker color. If you saturate the color by 10%, you get $63, 16.613, 185.784$, and if you desaturate by 10%, it is $65, 4.958, 187.531$.

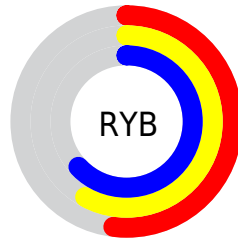
Distribution



Red (52%)

Green (63%)

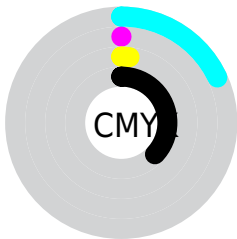
Blue (62%)



Red (52%)

Yellow (58%)

Blue (63%)

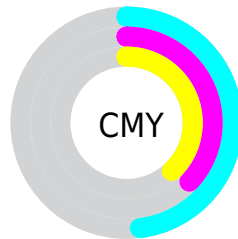


Cyan (18%)

Magenta (0%)

Yellow (2%)

Black (37%)



Cyan (48%)


Magenta (37%)


Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 10.940, 186.659 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, 10.940, 186.659 by changing the saturation by 10% instead.

 64, 10.940,
186.659


 64, 10.940,
186.659


 100, 10.940,
186.659


 54, 10.940,
186.659


 84, 10.940,
186.659

 44, 10.940,
186.659

 94, 10.940,
186.659

 34, 10.940,
186.659

 24, 10.940,
186.659

 14, 10.940,
186.659

 4, 10.940, 186.659

 0, 10.940, 186.659

64, 10.940,
186.659

64, 10.940,
186.659

63, 16.613,
185.784

65, 4.958, 187.531

62, 21.874,
184.888

66, 1.245, 7.886

61, 26.623,
183.949

68, 7.589, 8.973

61, 30.769,
182.953

71, 20.448, 10.530

60, 34.237,
181.883

73, 26.869, 11.269

60, 36.986,
180.718

75, 33.239, 11.989

59, 39.019,
179.439

76, 37.328, 11.806

59, 40.452,

76, 37.387, 10.008

178.053

■ 59, 40.719,
177.782

Harmonies

Complementary

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



64, 10.940, 186.659



58, 11.904, 9.739

Rectangle

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



64, 10.940, 186.659



64, 10.940, 236.659



64, 10.940, 6.659



64, 10.940, 56.659

Sweetspot

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



64, 10.941, 186.653



83, 3.842, 187.820



64, 18.856, 139.381



44, 2.614, 187.750



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, 10.941, 186.653



81, 16.372, 186.273



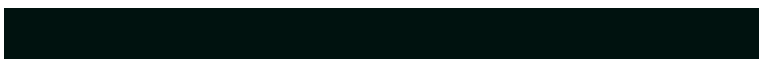
61, 8.783, 239.653



34, 3.531, 187.416



54, 37.736, 177.919



4, 5.656, 185.146

Inverse Universe

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



58, 11.904, 9.739



71, 18.213, 10.247



60, 9.598, 56.243



32, 3.684, 8.819



30, 63.017, 32.677



1, 5.566, 9.126

Previews

White Background



This preview shows how the CIELCh color 64, 10.940, 186.659 looks on a white background.

Color Contrast Check

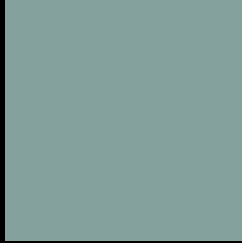
Large Text (above 18pt) WCAG AA × Fail

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, 10.940, 186.659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

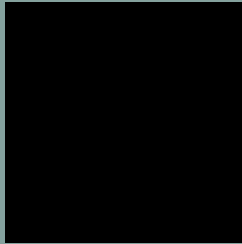
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

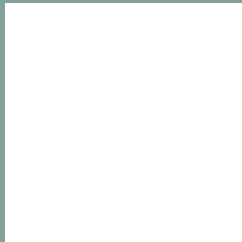
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 10.940, 186.659

Background



This preview shows how black text looks on a background with the CIELCh color 64, 10.940, 186.659.

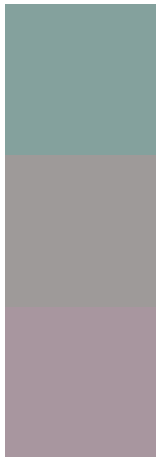


This preview shows how white text looks on a background with the CIELCh color 64, 10.940, 186.659.

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, 10.940, 186.659

Protanopia
64, 1.635, 39.135

Deuteranopia
64, 8.578, 344.495



Tritanopia
64, 10.671, 237.840

Trichromacy



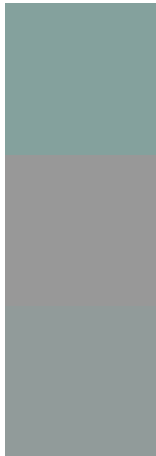
Original Color
64, 10.940, 186.659

Protanomaly
64, 3.493, 170.642

Deuteranomaly
64, 2.275, 300.051

Tritanomaly
64, 9.839, 218.639

Monochromacy



Original Color
64, 10.940, 186.659

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 3.834, 190.779

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 10.940, 186.659 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(132, 161, 157)` looks like.

```
.text, #text, p{  
    color:rgb(132, 161, 157)  
}
```

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(132, 161, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 161, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 10.940, 186.659 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(132, 161, 157) }
```

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

```
.border{ border-color:rgb(132, 161, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 161, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 161, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 161, 157);  
box-shadow:4px 4px 4px 4px rgb(132, 161,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 10.940, 186.659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 161, 157) }
```

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

```
.background{ background-color: rgb(132,  
161, 157) }
```

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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