

Converting Colors

CIELCh(58, 22.935, 173.826)

Have a look what the booklet for
CIELCh(58, 22.935, 173.826)
contains.

CIELCh(58, 22.961, 173.839)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(58, 22.961, 173.839)

Conversions

Conversions Part 1

Format	Color
Hex	5C9686
RGB	92, 150, 134
RGB Percent	36%, 59%, 53%
CMY	0.6378, 0.4103, 0.4730
CMYK	0.39, 0.00, 0.11, 0.41
HSL	163°, 24%, 48%
HSV	163°, 39%, 59%
XYZ	19.7473, 25.9610, 26.6607
YIQ	130.8340, -29.4320, -17.2720

Conversions

Conversions Part 2

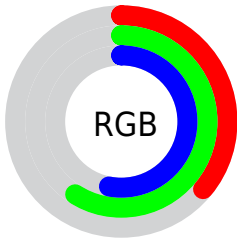
Format	Color
R_{YB}	92, 126, 150
Decimal	6067846
CIE _{Lab}	58.00, -22.83, 2.46
CIE _{LCh}	58, 22.961, 173.839
Yxy	25.9610, 0.2729, 0.3587
Android (android.graphics.Color)	4284257926 (0xFF5C9686)
YUV	130.8340, 1.5608, -34.0574
Hunter-Lab	50.9519, -19.9852, 4.6428

Details

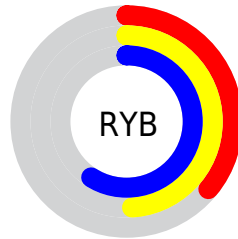
The CIELCh color **58, 22.961, 173.839** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **46, 25.973, 2.152**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 22.672, 173.966**, and **38, 23.177, 172.973** is the 20% darker color. If you saturate the color by 10%, you get **57, 28.160, 172.636**, and if you desaturate by 10%, it is **59, 17.360, 174.940**.

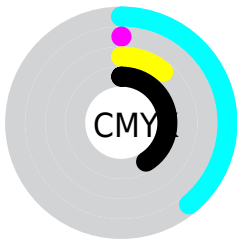
Distribution



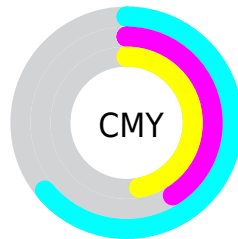
- Red (36%)
- Green (59%)
- Blue (53%)



- Red (36%)
- Yellow (49%)
- Blue (59%)



- Cyan (39%)
- Magenta (0%)
- Yellow (11%)
- Black (41%)




- Cyan (64%)
- Magenta (41%)
- Yellow (47%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 22.961, 173.839 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 58, 22.961, 173.839 by changing the saturation by 10% instead.

 58, 22.961,
173.839


 58, 22.961,
173.839

 100, 22.961,
173.839


 48, 22.961,
173.839


 78, 22.961,
173.839

 38, 22.961,
173.839

 88, 22.961,
173.839

 28, 22.961,
173.839

 98, 22.961,
173.839

 18, 22.961,
173.839

 8, 22.961, 173.839

 0, 22.961, 173.839

■ 58, 22.961,
173.839

■ 58, 22.961,
173.839

■ 57, 28.160,
172.636

■ 59, 17.360,
174.940

■ 57, 32.859,
171.315

■ 60, 11.455,
175.966

■ 56, 36.976,
169.849

■ 61, 5.341, 176.951

■ 56, 40.460,
168.218

■ 62, 0.897, 357.327

■ 64, 7.187, 358.552

■ 55, 43.301,
166.404

■ 65, 13.474,
359.377

■ 55, 45.629,
164.456

■ 67, 19.712, 0.151

■ 55, 45.954,
164.189

■ 69, 25.868, 0.888

■ 70, 31.922, 1.595

Harmonies

Complementary

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



58, 22.961, 173.839



46, 25.973, 2.152

Rectangle

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



58, 22.961, 173.839



58, 22.961, 223.839



58, 22.961, 353.839



58, 22.961, 43.839

Sweetspot

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



58, 22.962, 173.837



77, 9.260, 176.589



58, 36.557, 134.373



41, 6.184, 176.474



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



58, 22.962, 173.837



73, 33.301, 172.841



55, 16.775, 223.820



31, 3.469, 176.889



51, 42.979, 164.369



2, 3.061, 177.654

Inverse Universe

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



46, 25.973, 2.152



56, 38.727, 3.607



49, 21.883, 40.977



29, 3.568, 358.430



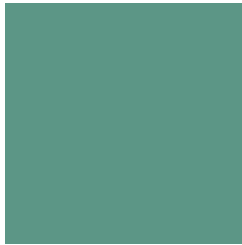
28, 55.644, 21.736



1, 3.062, 357.640

Previews

White Background



This preview shows how the CIELCh color 58, 22.961, 173.839 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 58, 22.961, 173.839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

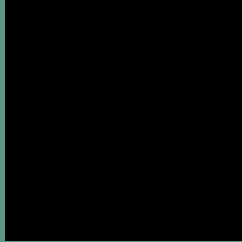
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 22.961, 173.839

Background



This preview shows how black text looks on a background with the CIELCh color 58, 22.961, 173.839.

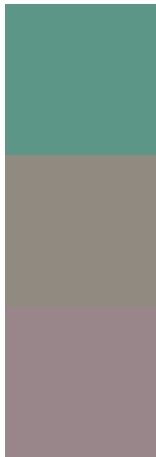


This preview shows how white text looks on a background with the CIELCh color 58, 22.961, 173.839.

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
58, 22.961, 173.839

Protanopia
58, 6.156, 86.253

Deuteranopia
58, 7.521, 2.628



Tritanopia
58, 17.587, 221.049

Trichromacy



Original Color
58, 22.961, 173.839

Protanomaly
58, 10.278, 152.569

Deuteranomaly
57, 4.257, 175.413

Tritanomaly
58, 17.948, 201.442

Monochromacy



Original Color
58, 22.961, 173.839

Achromatopsia
55, 0.007, 296.813

Achromatomaly
56, 8.833, 175.620

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 22.961, 173.839 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(92, 150, 134)` looks like.

```
.text, #text, p{  
    color:rgb(92, 150, 134)  
}
```

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(92, 150, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 150, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 22.961, 173.839 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(92, 150, 134) }
```

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

```
.border{ border-color:rgb(92, 150, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 150, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 150, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 150, 134);  
box-shadow:4px 4px 4px 4px rgb(92, 150,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 22.961, 173.839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 150, 134) }
```

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

```
.background{ background-color: rgb(92, 150,  
134) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor