

Converting Colors

CIELCh(60, 26.901, 175.974)

Have a look what the booklet for
CIELCh(60, 26.901, 175.974)
contains.

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Color

CIELCh(60, 26.901, 175.974)

Conversions

Conversions Part 1

Format	Color
Hex	559D8C
RGB	85, 157, 140
RGB Percent	33%, 62%, 55%
CMY	0.6649, 0.3826, 0.4493
CMYK	0.46, 0.00, 0.11, 0.38
HSL	166°, 30%, 48%
HSV	166°, 46%, 62%
XYZ	20.6848, 28.1233, 29.3164
YIQ	133.5340, -37.4550, -20.5510

Conversions

Conversions Part 2

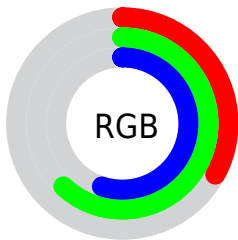
Format	Color
RYB	85, 126, 157
Decimal	5610892
CIELab	60.00, -26.83, 1.89
CIELCh	60, 26.901, 175.974
Yxy	28.1233, 0.2648, 0.3600
Android (android.graphics.Color)	4283800972 (0xFF559D8C)
YUV	133.5340, 3.1877, -42.5643
Hunter-Lab	53.0314, -23.1813, 4.3458

Details

The CIELCh color $60, 26.901, 175.974$ is a dark color, and the websafe version is hex 339999 . A complement of this color would be $45, 31.907, 6.367$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $80, 27.009, 175.360$, and $40, 26.835, 176.174$ is the 20% darker color. If you saturate the color by 10%, you get $59, 31.679, 174.740$, and if you desaturate by 10%, it is $61, 21.608, 177.103$.

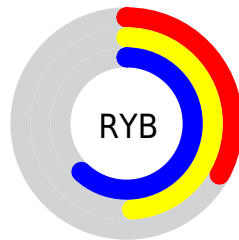
Distribution



Red (33%)

Green (62%)

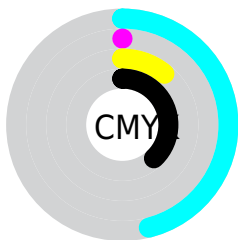
Blue (55%)



Red (33%)

Yellow (49%)

Blue (62%)

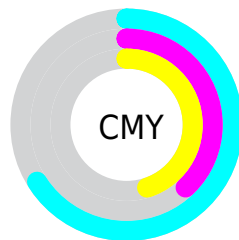


Cyan (46%)

Magenta (0%)

Yellow (11%)

Black (38%)



Cyan (66%)


Magenta (38%)


Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 26.901, 175.974 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 60, 26.901, 175.974 by changing the saturation by 10% instead.


 60, 26.901,
175.974


 60, 26.901,
175.974


 100, 26.901,
175.974


 50, 26.901,
175.974


 80, 26.901,
175.974

 40, 26.901,
175.974

 90, 26.901,
175.974

 30, 26.901,
175.974

 20, 26.901,
175.974

 10, 26.901,
175.974

 0, 26.901, 175.974

 60, 26.901,

 60, 26.901,

175.974

175.974

■ 59, 31.679,
174.740

■ 61, 21.608,
177.103

■ 59, 35.853,
173.385

■ 62, 15.899,
178.152

■ 58, 39.364,
171.882

■ 63, 9.876, 179.142

■ 58, 42.194,
170.212

■ 64, 3.636, 180.132

■ 65, 2.736, 0.735

■ 58, 44.393,
168.371

■ 67, 9.168, 1.672

■ 58, 45.260,
167.591

■ 69, 15.602, 2.487

■ 70, 21.996, 3.261

■ 72, 28.316, 4.003

Harmonies

Complementary

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



60, 26.901, 175.974



45, 31.907, 6.367

Rectangle

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



60, 26.901, 175.974



60, 26.901, 225.974



60, 26.901, 355.974



60, 26.901, 45.974

Sweetspot

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



60, 26.902, 175.972



80, 10.875, 179.284



60, 45.201, 134.903



42, 7.471, 179.089



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



60, 26.902, 175.972



75, 38.561, 174.700



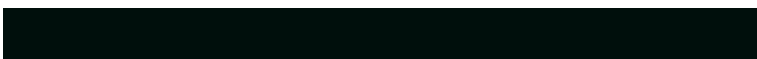
55, 19.909, 229.563



33, 3.589, 179.771



53, 42.035, 167.773



3, 4.829, 178.026

Inverse Universe

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



45, 31.907, 6.367



54, 47.573, 8.581



49, 27.260, 44.279



31, 3.706, 1.312



29, 58.428, 25.319



1, 4.723, 1.424

Previews

White Background



This preview shows how the CIELCh color 60, 26.901, 175.974 looks on a white background.

Color Contrast Check

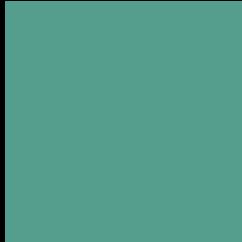
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 60, 26.901, 175.974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

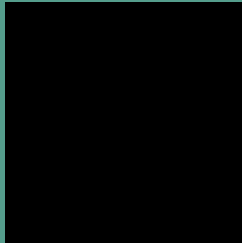
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 26.901, 175.974

Background



This preview shows how black text looks on a background with the CIELCh color 60, 26.901, 175.974.

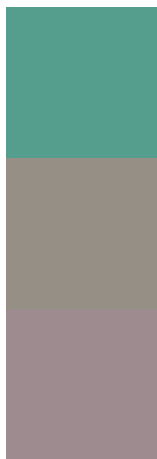


This preview shows how white text looks on a background with the CIELCh color 60, 26.901, 175.974.

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
60, 26.901, 175.974

Protanopia
60, 6.115, 86.295

Deuteranopia
60, 7.646, 358.550



Tritanopia
60, 20.669, 217.095

Trichromacy



Original Color
60, 26.901, 175.974

Protanomaly
59, 10.946, 160.112

Deuteranomaly
59, 5.997, 182.428

Tritanomaly
60, 21.571, 200.542

Monochromacy



Original Color
60, 26.901, 175.974

Achromatopsia
56, 0.007, 296.813

Achromatomaly
57, 11.058, 177.154

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 26.901, 175.974 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(85, 157, 140)` looks like.

```
.text, #text, p{  
    color:rgb(85, 157, 140)  
}
```

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(85, 157, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 157, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 26.901, 175.974 is called "border". The border property can be set on classes, ids or directly on the HTML element.

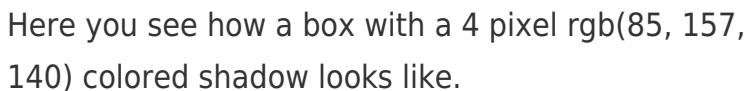
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(85, 157, 140) }
```

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

```
.border{ border-color:rgb(85, 157, 140) }
```

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



Here you see how a box with a 4 pixel `rgb(85, 157, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 157, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 157, 140);  
box-shadow:4px 4px 4px 4px rgb(85, 157,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 26.901, 175.974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 157, 140) }
```

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

```
.background{ background-color: rgb(85, 157,  
140) }
```

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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