

Converting Colors

CIElCh(60, 26.238, 173.623)

Have a look what the booklet for
CIELCh(60, 26.238, 173.623)
contains.

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Color

CIELCh(60, 26.154, 174.098)

Conversions

Conversions Part 1

Format	Color
Hex	599D8B
RGB	89, 157, 139
RGB Percent	35%, 62%, 55%
CMY	0.6508, 0.3841, 0.4547
CMYK	0.43, 0.00, 0.11, 0.38
HSL	164°, 28%, 48%
HSV	164°, 43%, 62%
XYZ	20.8543, 28.1233, 28.7745
YIQ	134.6160, -34.7500, -20.0140

Conversions

Conversions Part 2

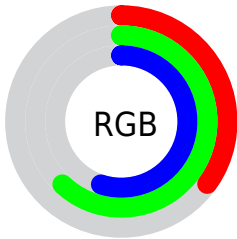
Format	Color
R _Y B	89, 128, 157
Decimal	5873035
CIE Lab	60.00, -26.02, 2.69
CIE LCh	60, 26.154, 174.098
Yxy	28.1233, 0.2682, 0.3617
Android (android.graphics.Color)	4284063115 (0xFF599D8B)
YUV	134.6160, 2.1613, -40.0052
Hunter-Lab	53.0314, -22.6108, 4.9516

Details

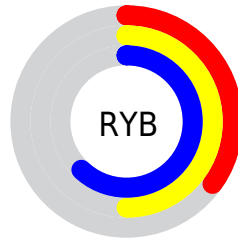
The CIELCh color `60, 26.154, 174.098` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `46, 30.251, 3.800`, and the grayscale version is `56, 0.007, 296.813`.

A 20% lighter version of the original color is `80, 26.449, 173.671`, and `40, 26.100, 174.258` is the 20% darker color. If you saturate the color by 10%, you get `59, 31.229, 172.849`, and if you desaturate by 10%, it is `61, 20.605, 175.238`.

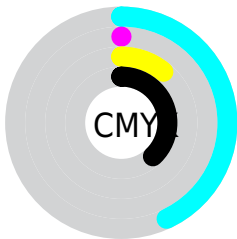
Distribution



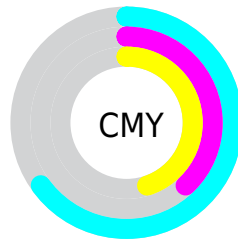
- Red (35%)
- Green (62%)
- Blue (55%)



- Red (35%)
- Yellow (50%)
- Blue (62%)



- Cyan (43%)
- Magenta (0%)
- Yellow (11%)
- Black (38%)





- Cyan (65%)
- Magenta (38%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 26.154, 174.098 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, 26.154, 174.098 by changing the saturation by 10% instead.


 60, 26.154,
174.098


 60, 26.154,
174.098


 100, 26.154,
174.098


 50, 26.154,
174.098


 80, 26.154,
174.098

 40, 26.154,
174.098

 90, 26.154,
174.098

 30, 26.154,
174.098

 20, 26.154,
174.098

 10, 26.154,
174.098

 0, 26.154, 174.098

 60, 26.154,

 60, 26.154,

174.098

174.098

■ 59, 31.229,
172.849

■ 61, 20.605,
175.238

■ 59, 35.734,
171.472

■ 62, 14.682,
176.294

■ 58, 39.599,
169.943

■ 63, 8.490, 177.290

■ 58, 42.792,
168.241

■ 64, 2.121, 178.350

■ 66, 4.343, 358.928

■ 58, 45.332,
166.353

■ 67, 10.836,
359.807

■ 57, 46.829,
165.062

■ 69, 17.303, 0.607

■ 71, 23.707, 1.366

■ 72, 30.017, 2.092

Harmonies

Complementary

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



60, 26.154, 174.098



46, 30.251, 3.800

Rectangle

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



60, 26.154, 174.098



60, 26.154, 224.098



60, 26.154, 354.098



60, 26.154, 44.098

Sweetspot

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



60, 26.155, 174.096



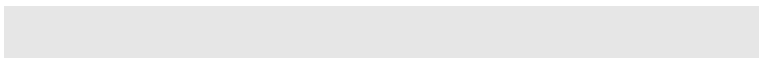
80, 10.271, 177.295



60, 42.586, 134.579



42, 7.154, 177.092



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, 26.155, 174.096



75, 37.741, 172.888



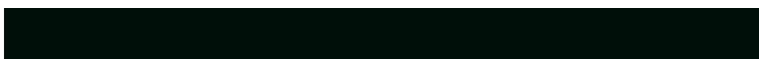
56, 19.042, 226.770



33, 3.643, 177.688



53, 43.563, 165.248



3, 4.903, 175.965

Inverse Universe

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



46, 30.251, 3.800



55, 45.115, 5.720



49, 25.720, 42.657



31, 3.752, 359.245



29, 57.528, 22.923



1, 4.782, 359.434

Previews

White Background



This preview shows how the CIELCh color 60, 26.154, 174.098 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, 26.154, 174.098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

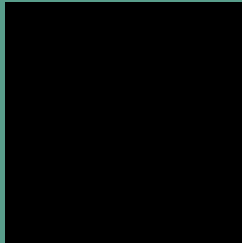
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 26.154, 174.098

Background



This preview shows how black text looks on a background with the CIELCh color 60, 26.154, 174.098.

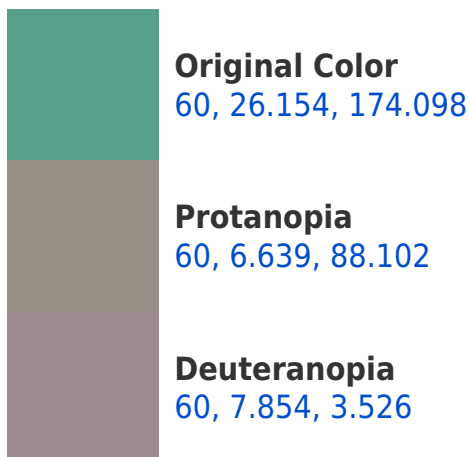



This preview shows how white text looks on a background with the CIELCh color 60, 26.154, 174.098.

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





Tritanopia
60, 19.775, 219.886

Trichromacy



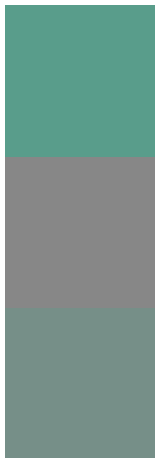
Original Color
60, 26.154, 174.098

Protanomaly
59, 11.039, 156.711

Deuteranomaly
59, 5.511, 174.702

Tritanomaly
60, 20.488, 200.790

Monochromacy



Original Color
60, 26.154, 174.098

Achromatopsia
56, 0.007, 296.813

Achromatomaly
57, 10.385, 175.797

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 26.154, 174.098 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(89, 157, 139)` looks like.

```
.text, #text, p{  
    color:rgb(89, 157, 139)  
}
```

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(89, 157, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 157, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 26.154, 174.098 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(89, 157, 139) }
```

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

```
.border{ border-color:rgb(89, 157, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 157, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 157, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 157, 139);  
box-shadow:4px 4px 4px 4px rgb(89, 157,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 26.154, 174.098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 157, 139) }
```

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

```
.background{ background-color: rgb(89, 157,  
139) }
```

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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