

Converting Colors

CIELCh(59, 24.590, 169.764)

Have a look what the booklet for
CIELCh(59, 24.590, 169.764)
contains.

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Color

CIELCh(59, 24.671, 169.780)

Conversions

Conversions Part 1

Format	Color
Hex	5E9A86
RGB	94, 154, 134
RGB Percent	37%, 60%, 53%
CMY	0.6331, 0.3978, 0.4762
CMYK	0.39, 0.00, 0.13, 0.40
HSL	160°, 24%, 48%
HSV	160°, 39%, 60%
XYZ	20.3248, 27.0277, 26.5400
YIQ	133.7800, -29.3400, -18.9400

Conversions

Conversions Part 2

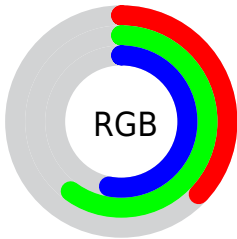
Format	Color
R_{YB}	94, 130, 154
Decimal	6199942
CIE _{Lab}	59.00, -24.28, 4.38
CIE _{LCh}	59, 24.671, 169.780
Yxy	27.0277, 0.2751, 0.3658
Android (android.graphics.Color)	4284390022 (0xFF5E9A86)
YUV	133.7800, 0.1085, -34.8871
Hunter-Lab	51.9882, -21.1948, 6.1241

Details

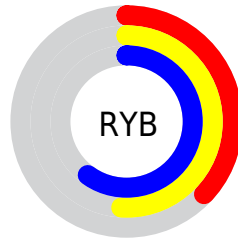
The CIELCh color $59, 24.671, 169.780$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $47, 27.273, 358.160$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $79, 24.848, 169.357$, and $39, 25.041, 168.721$ is the 20% darker color. If you saturate the color by 10%, you get $58, 30.280, 168.525$, and if you desaturate by 10%, it is $60, 18.677, 170.918$.

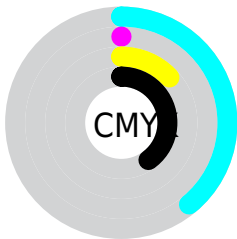
Distribution



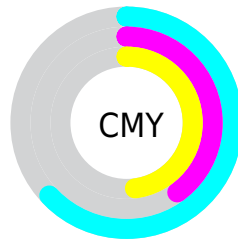
- Red (37%)
- Green (60%)
- Blue (53%)



- Red (37%)
- Yellow (51%)
- Blue (60%)



- Cyan (39%)
- Magenta (0%)
- Yellow (13%)
- Black (40%)





- Cyan (63%)
- Magenta (40%)
- Yellow (48%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 24.671, 169.780 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 59, 24.671, 169.780 by changing the saturation by 10% instead.


 59, 24.671,
169.780

 59, 24.671,
169.780


 100, 24.671,
169.780


 49, 24.671,
169.780


 79, 24.671,
169.780

 39, 24.671,
169.780

 89, 24.671,
169.780

 29, 24.671,
169.780

 99, 24.671,
169.780

 19, 24.671,
169.780

 9, 24.671, 169.780

 0, 24.671, 169.780

■ 59, 24.671,
169.780

■ 59, 24.671,
169.780

■ 58, 30.280,
168.525

■ 60, 18.677,
170.918

■ 58, 35.399,
167.133

■ 61, 12.400,
171.965

■ 57, 39.941,
165.580

■ 62, 5.939, 172.955

■ 57, 43.849,
163.843

■ 64, 0.618, 353.160

■ 65, 7.199, 354.560

■ 56, 47.112,
161.911

■ 67, 13.748,
355.371

■ 56, 49.868,
159.852

■ 68, 20.222,
356.124

■ 56, 50.121,
159.668

■ 70, 26.589,
356.837

■ 72, 32.828,
357.516

Harmonies

Complementary

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



59, 24.671, 169.780



47, 27.273, 358.160

Rectangle

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



59, 24.671, 169.780



59, 24.671, 219.780



59, 24.671, 349.780



59, 24.671, 39.780

Sweetspot

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



59, 24.672, 169.778



78, 9.688, 172.643



59, 37.084, 132.833



41, 6.404, 172.530



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



59, 24.672, 169.778



74, 35.919, 168.676



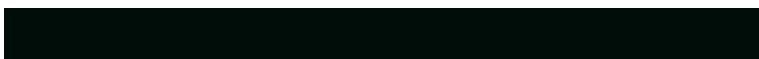
57, 17.620, 217.020



32, 3.691, 172.940



51, 46.763, 159.861



3, 4.042, 172.969

Inverse Universe

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



47, 27.273, 358.160



56, 40.596, 359.643



49, 23.299, 36.280



30, 3.778, 354.486



29, 55.101, 16.683



1, 4.004, 354.072

Previews

White Background



This preview shows how the CIELCh color 59, 24.671, 169.780 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 59, 24.671, 169.780 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 59, 24.671, 169.780

Background



This preview shows how black text looks on a background with the CIELCh color 59, 24.671, 169.780.

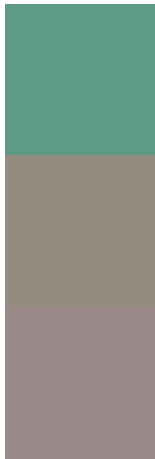


This preview shows how white text looks on a background with the CIELCh color 59, 24.671, 169.780.

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
59, 24.671, 169.780

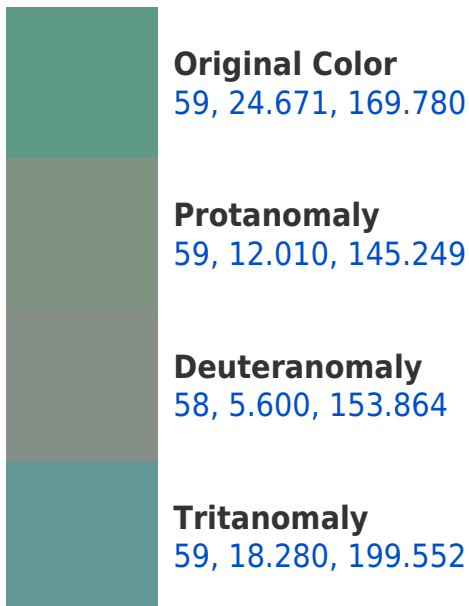
Protanopia
59, 8.265, 92.055

Deuteranopia
59, 7.616, 20.128

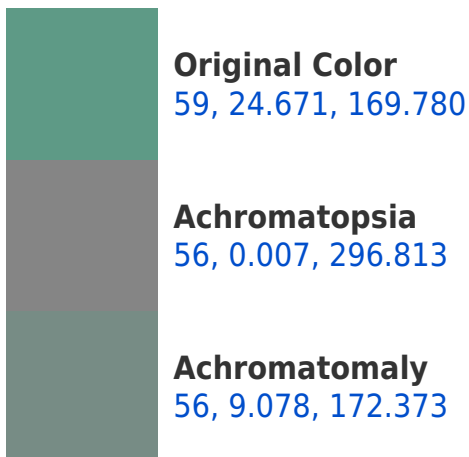


Tritanopia
59, 17.841, 220.611

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 24.671, 169.780 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(94, 154, 134)` looks like.

```
.text, #text, p{  
    color:rgb(94, 154, 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(94, 154, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 154, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 24.671, 169.780 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(94, 154, 134) }
```

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

```
.border{ border-color:rgb(94, 154, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 154, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 154, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 154, 134);  
box-shadow:4px 4px 4px 4px rgb(94, 154,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 24.671, 169.780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 154, 134) }
```

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

```
.background{ background-color: rgb(94, 154,  
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](#).

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