

Converting Colors

CIELCh(59, 24.333, 164.811)

Have a look what the booklet for
CIELCh(59, 24.333, 164.811)
contains.

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Color

CIELCh(59, 24.333, 164.811)

Conversions

Conversions Part 1

Format	Color
Hex	629982
RGB	98, 153, 130
RGB Percent	38%, 60%, 51%
CMY	0.6153, 0.3996, 0.4898
CMYK	0.36, 0.00, 0.15, 0.40
HSL	155°, 22%, 49%
HSV	155°, 36%, 60%
XYZ	20.4877, 27.0277, 25.2870
YIQ	133.9330, -25.3970, -18.8130

Conversions

Conversions Part 2

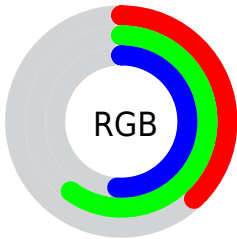
Format	Color
R_{YB}	98, 133, 153
Decimal	6461826
CIE _{Lab}	59.00, -23.48, 6.38
CIE _{LCh}	59, 24.333, 164.811
Yxy	27.0277, 0.2814, 0.3712
Android (android.graphics.Color)	4284651906 (0xFF629982)
YUV	133.9330, -1.9390, -31.5132
Hunter-Lab	51.9882, -20.6356, 7.5532

Details

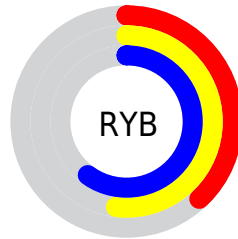
The CIELCh color $59, 24.333, 164.811$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $48, 25.936, 352.013$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $79, 24.425, 164.510$, and $39, 24.390, 164.697$ is the 20% darker color. If you saturate the color by 10%, you get $58, 30.593, 163.581$, and if you desaturate by 10%, it is $60, 17.761, 165.916$.

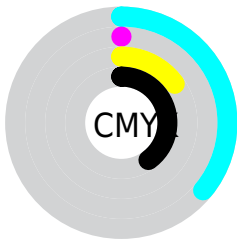
Distribution



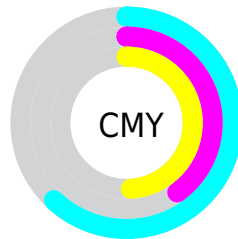
- Red (38%)
- Green (60%)
- Blue (51%)



- Red (38%)
- Yellow (52%)
- Blue (60%)



- Cyan (36%)
- Magenta (0%)
- Yellow (15%)
- Black (40%)





- Cyan (62%)
- Magenta (40%)
- Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 24.333, 164.811 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, 24.333, 164.811 by changing the saturation by 10% instead.


 59, 24.333,
164.811


 59, 24.333,
164.811


 100, 24.333,
164.811


 49, 24.333,
164.811


 79, 24.333,
164.811

 39, 24.333,
164.811

 89, 24.333,
164.811

 29, 24.333,
164.811

 99, 24.333,
164.811

 19, 24.333,
164.811

 9, 24.333, 164.811

 0, 24.333, 164.811

■ 59, 24.333,
164.811

■ 59, 24.333,
164.811

■ 58, 30.593,
163.581

■ 60, 17.761,
165.916

■ 57, 36.428,
162.205

■ 61, 10.983,
166.925

■ 57, 41.735,
160.658

■ 62, 4.096, 167.888

■ 56, 46.437,
158.921

■ 64, 2.819, 348.510

■ 65, 9.695, 349.374

■ 56, 50.494,
156.981

■ 67, 16.484,
350.111

■ 56, 53.943,
154.857

■ 69, 23.148,
350.795

■ 56, 55.282,
154.018

■ 71, 29.664,
351.437

■ 72, 36.017,
352.044

Harmonies

Complementary

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



59, 24.333, 164.811



48, 25.936, 352.013

Rectangle

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



59, 24.333, 164.811



59, 24.333, 214.811



59, 24.333, 344.811



59, 24.333, 34.811

Sweetspot

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



59, 24.334, 164.810



78, 9.402, 167.376



60, 33.110, 129.747



41, 6.299, 167.260



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, 24.334, 164.810



74, 35.592, 163.848



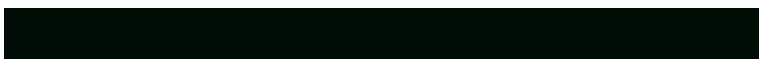
59, 17.697, 204.644



32, 3.902, 167.566



51, 51.669, 154.211



3, 4.260, 167.731

Inverse Universe

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



48, 25.936, 352.013



58, 38.423, 353.126



48, 22.793, 27.529



30, 3.969, 349.057



29, 54.148, 8.658



1, 4.214, 348.725

Previews

White Background



This preview shows how the CIELCh color 59, 24.333, 164.811 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 59, 24.333, 164.811 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, 24.333, 164.811

Background



This preview shows how black text looks on a background with the CIELCh color 59, 24.333, 164.811.

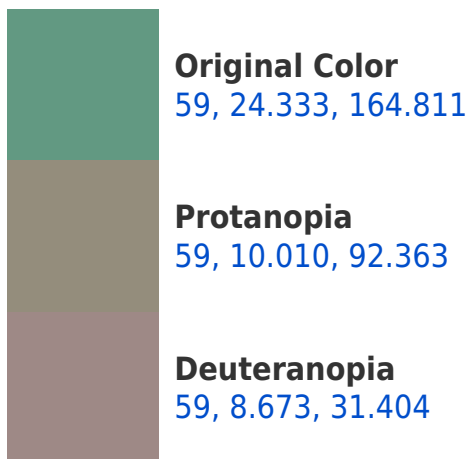


This preview shows how white text looks on a background with the CIELCh color 59, 24.333, 164.811.

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
59, 16.231, 223.139

Trichromacy



Original Color
59, 24.333, 164.811

Protanomaly
59, 12.335, 137.913

Deuteranomaly
59, 6.319, 135.469

Tritanomaly
59, 16.850, 197.874

Monochromacy



Original Color
59, 24.333, 164.811

Achromatopsia
56, 0.007, 296.813

Achromatomaly
57, 9.035, 168.201

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 24.333, 164.811 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(98, 153, 130)` looks like.

```
.text, #text, p{  
    color:rgb(98, 153, 130)  
}
```

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(98, 153, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 153, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 24.333, 164.811 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(98, 153, 130) }
```

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

```
.border{ border-color:rgb(98, 153, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 153, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 153, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 153, 130);  
box-shadow:4px 4px 4px 4px rgb(98, 153,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 24.333, 164.811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 153, 130) }
```

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

```
.background{ background-color: rgb(98, 153,  
130) }
```

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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