

Converting Colors

CIELCh(60, 22.808, 172.611)

Have a look what the booklet for
CIELCh(60, 22.808, 172.611)
contains.

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Color

CIELCh(60, 22.877, 172.468)

Conversions

Conversions Part 1

Format	Color
Hex	639C8B
RGB	99, 156, 139
RGB Percent	39%, 61%, 55%
CMY	0.6133, 0.3898, 0.4565
CMYK	0.37, 0.00, 0.11, 0.39
HSL	162°, 22%, 50%
HSV	162°, 37%, 61%
XYZ	21.5540, 28.1233, 28.5670
YIQ	137.0190, -28.5150, -17.3710

Conversions

Conversions Part 2

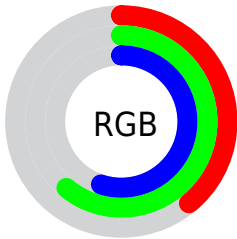
Format	Color
R_{YB}	99, 132, 156
Decimal	6528139
CIE _{Lab}	60.00, -22.68, 3.00
CIE _{LCh}	60, 22.877, 172.468
Yxy	28.1233, 0.2755, 0.3594
Android (android.graphics.Color)	4284718219 (0xFF639C8B)
YUV	137.0190, 0.9766, -33.3427
Hunter-Lab	53.0314, -20.2556, 5.1837

Details

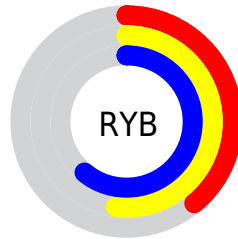
The CIELCh color $60, 22.877, 172.468$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $48, 25.481, 0.269$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $80, 23.105, 171.716$, and $40, 22.682, 172.824$ is the 20% darker color. If you saturate the color by 10%, you get $59, 28.437, 171.262$, and if you desaturate by 10%, it is $61, 16.934, 173.569$.

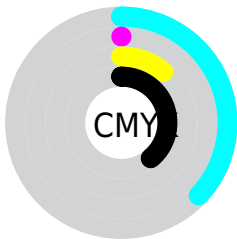
Distribution



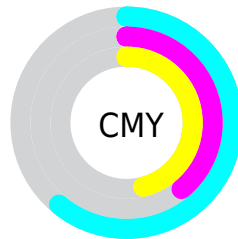
- Red (39%)
- Green (61%)
- Blue (55%)



- Red (39%)
- Yellow (52%)
- Blue (61%)



- Cyan (37%)
- Magenta (0%)
- Yellow (11%)
- Black (39%)



- Cyan (61%)
- Magenta (39%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 22.877, 172.468 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, 22.877, 172.468 by changing the saturation by 10% instead.

 60, 22.877,
172.468

 60, 22.877,
172.468

 100, 22.877,
172.468

 50, 22.877,
172.468

 80, 22.877,
172.468

 40, 22.877,
172.468

 90, 22.877,
172.468

 30, 22.877,
172.468

 20, 22.877,
172.468

 10, 22.877,
172.468

 0, 22.877, 172.468

 60, 22.877,

 60, 22.877,

172.468

172.468

■ 59, 28.437,
171.262

■ 61, 16.934,
173.569

■ 58, 33.509,
169.934

■ 62, 10.709,
174.594

■ 58, 38.004,
168.459

■ 63, 4.301, 175.590

■ 57, 41.859,
166.815

■ 65, 2.206, 356.199

■ 66, 8.743, 357.165

■ 57, 45.053,
164.982

■ 68, 15.253,
357.973

■ 57, 47.651,
162.977

■ 69, 21.695,
358.733

■ 57, 48.488,
162.316

■ 71, 28.037,
359.457

■ 73, 34.260, 0.148

Harmonies

Complementary

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



60, 22.877, 172.468



48, 25.481, 0.269

Rectangle

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



60, 22.877, 172.468



60, 22.877, 222.468



60, 22.877, 352.468



60, 22.877, 42.468

Sweetspot

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



60, 22.878, 172.466



79, 8.787, 175.129



60, 35.542, 133.978



42, 5.945, 175.006



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, 22.878, 172.466



75, 33.277, 171.485



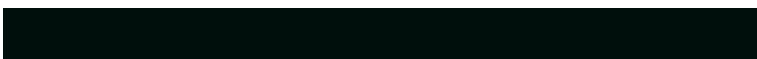
57, 16.596, 221.340



33, 3.713, 175.322



52, 45.414, 162.491



3, 4.997, 173.687

Inverse Universe

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



48, 25.481, 0.269



58, 37.999, 1.625



51, 21.407, 39.324



31, 3.812, 356.885



29, 56.617, 19.984



1, 4.859, 357.162

Previews

White Background



This preview shows how the CIE LCh color 60, 22.877, 172.468 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 60, 22.877, 172.468 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, 22.877, 172.468

Background



This preview shows how black text looks on a background with the CIELCh color 60, 22.877, 172.468.

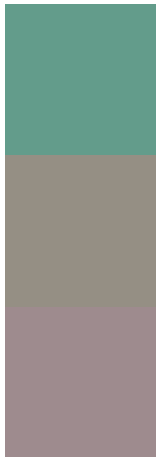


This preview shows how white text looks on a background with the CIELCh color 60, 22.877, 172.468.

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, 22.877, 172.468

Protanopia
60, 6.639, 88.102

Deuteranopia
60, 7.727, 7.546



Tritanopia
60, 17.028, 221.760

Trichromacy



Original Color
60, 22.877, 172.468

Protanomaly
60, 10.382, 149.018

Deuteranomaly
59, 4.176, 166.320

Tritanomaly
60, 17.324, 201.642

Monochromacy



Original Color
60, 22.877, 172.468

Achromatopsia
57, 0.007, 296.813

Achromatomaly
58, 8.770, 175.676

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 22.877, 172.468 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(99, 156, 139)` looks like.

```
.text, #text, p{  
    color:rgb(99, 156, 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(99, 156, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 156, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 22.877, 172.468 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(99, 156, 139) }
```

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

```
.border{ border-color:rgb(99, 156, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 156, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 156, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 156, 139);  
box-shadow:4px 4px 4px 4px rgb(99, 156,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 22.877, 172.468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 156, 139) }
```

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

```
.background{ background-color: rgb(99, 156,  
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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