

Converting Colors

CIELCh(60, 21.501, 167.728)

Have a look what the booklet for
CIELCh(60, 21.501, 167.728)
contains.

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Color

CIELCh(60, 21.529, 167.542)

Conversions

Conversions Part 1

Format	Color
Hex	699B88
RGB	105, 155, 136
RGB Percent	41%, 61%, 53%
CMY	0.5891, 0.3931, 0.4676
CMYK	0.32, 0.00, 0.12, 0.39
HSL	157°, 20%, 51%
HSV	157°, 32%, 61%
XYZ	21.9075, 28.1233, 27.4796
YIQ	137.8840, -23.7010, -16.5090

Conversions

Conversions Part 2

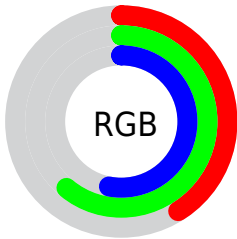
Format	Color
RYB	105, 136, 155
Decimal	6921096
CIELab	60.00, -21.02, 4.64
CIElCh	60, 21.529, 167.542
Yxy	28.1233, 0.2826, 0.3628
Android (android.graphics.Color)	4285111176 (0xFF699B88)
YUV	137.8840, -0.9288, -28.8393
Hunter-Lab	53.0314, -19.0660, 6.3994

Details

The CIELCh color $60, 21.529, 167.542$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $50, 23.046, 354.026$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $80, 21.719, 166.837$, and $40, 21.930, 166.774$ is the 20% darker color. If you saturate the color by 10%, you get $59, 27.732, 166.356$, and if you desaturate by 10%, it is $61, 15.034, 168.617$.

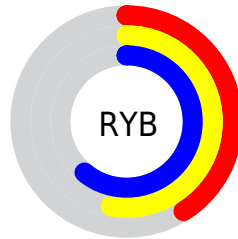
Distribution



Red (41%)

Green (61%)

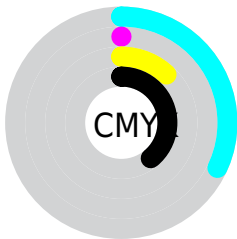
Blue (53%)



Red (41%)

Yellow (53%)

Blue (61%)

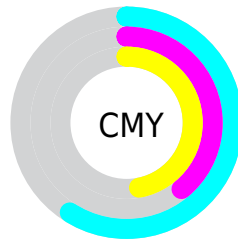


Cyan (32%)

Magenta (0%)

Yellow (12%)

Black (39%)



Cyan (59%)


Magenta (39%)


Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 21.529, 167.542 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, 21.529, 167.542 by changing the saturation by 10% instead.


 60, 21.529,
167.542


 60, 21.529,
167.542


 100, 21.529,
167.542


 50, 21.529,
167.542


 80, 21.529,
167.542

 40, 21.529,
167.542

 90, 21.529,
167.542

 30, 21.529,
167.542

 20, 21.529,
167.542

 10, 21.529,
167.542

 0, 21.529, 167.542

 60, 21.529,

 60, 21.529,

167.542

167.542

■ 59, 27.732,
166.356

■ 61, 15.034,
168.617

■ 58, 33.530,
165.039

■ 62, 8.348, 169.612

■ 58, 38.821,
163.567

■ 64, 1.563, 170.703

■ 65, 5.242, 351.227

■ 57, 43.519,
161.916

■ 67, 12.008,
352.045

■ 57, 47.573,
160.068

■ 68, 18.688,
352.788

■ 56, 50.986,
158.019

■ 70, 25.248,
353.484

■ 56, 53.335,
156.406

■ 72, 31.667,
354.142

■ 74, 37.930,

Harmonies

Complementary

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



60, 21.529, 167.542



50, 23.046, 354.026

Rectangle

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



60, 21.529, 167.542



60, 21.529, 217.542



60, 21.529, 347.542



60, 21.529, 37.542

Sweetspot

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



60, 21.530, 167.540



79, 8.417, 169.816



60, 30.506, 131.585



42, 5.786, 169.689



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, 21.530, 167.540



76, 31.843, 166.668



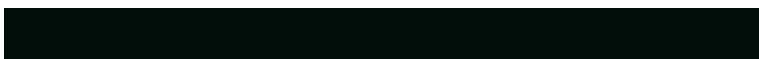
59, 15.604, 210.395



32, 3.803, 169.911



51, 49.445, 156.620



3, 4.158, 170.020

Inverse Universe

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



50, 23.046, 354.026



61, 34.621, 355.063



51, 19.570, 31.413



30, 3.878, 351.433



29, 54.421, 12.297



1, 4.115, 351.064

Previews

White Background



This preview shows how the CIELCh color 60, 21.529, 167.542 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, 21.529, 167.542 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, 21.529, 167.542

Background



This preview shows how black text looks on a background with the CIELCh color 60, 21.529, 167.542.

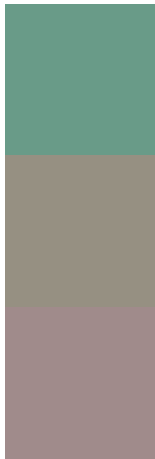


This preview shows how white text looks on a background with the CIELCh color 60, 21.529, 167.542.

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, 21.529, 167.542

Protanopia
60, 8.232, 92.085

Deuteranopia
60, 8.411, 20.205



Tritanopia
60, 15.121, 225.127

Trichromacy



Original Color
60, 21.529, 167.542

Protanomaly
60, 10.615, 140.491

Deuteranomaly
60, 4.423, 136.020

Tritanomaly
60, 15.213, 200.191

Monochromacy



Original Color
60, 21.529, 167.542

Achromatopsia
57, 0.007, 296.813

Achromatomaly
58, 8.044, 169.043

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 21.529, 167.542 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(105, 155, 136)` looks like.

```
.text, #text, p{  
    color:rgb(105, 155, 136)  
}
```

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(105, 155, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 155, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 21.529, 167.542 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(105, 155, 136) }
```

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

```
.border{ border-color:rgb(105, 155, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 155, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 155, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 155, 136);  
box-shadow:4px 4px 4px 4px rgb(105, 155,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 21.529, 167.542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 155, 136) }
```

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

```
.background{ background-color: rgb(105,  
155, 136) }
```

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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