

Converting Colors

CIELCh(60, 18.915, 188.091)

Have a look what the booklet for
CIElCh(60, 18.915, 188.091)
contains.

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Color

CIELCh(60, 18.625, 188.936)

Conversions

Conversions Part 1

Format	Color
Hex	669A95
RGB	102, 154, 149
RGB Percent	40%, 60%, 58%
CMY	0.5998, 0.3959, 0.4155
CMYK	0.34, 0.00, 0.03, 0.40
HSL	174°, 20%, 50%
HSV	174°, 34%, 60%
XYZ	22.4747, 28.1233, 32.6949
YIQ	137.8820, -29.3870, -12.5790

Conversions

Conversions Part 2

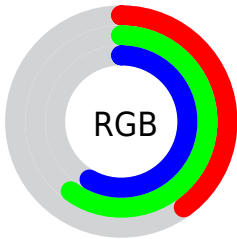
Format	Color
R_{YB}	102, 129, 154
Decimal	6724245
CIE _{Lab}	60.00, -18.40, -2.89
CIE _{LCh}	60, 18.625, 188.936
Yxy	28.1233, 0.2698, 0.3376
Android (android.graphics.Color)	4284914325 (0xFF669A95)
YUV	137.8820, 5.4812, -31.4685
Hunter-Lab	53.0314, -17.1569, 0.5686

Details

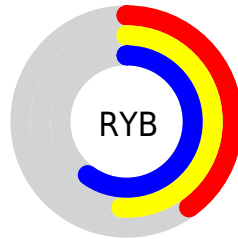
The CIELCh color `60, 18.625, 188.936` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `49, 22.416, 14.963`, and the grayscale version is `57, 0.007, 296.813`.

A 20% lighter version of the original color is `80, 18.811, 188.215`, and `40, 18.911, 187.770` is the 20% darker color. If you saturate the color by 10%, you get `59, 23.265, 188.145`, and if you desaturate by 10%, it is `61, 13.510, 189.709`.

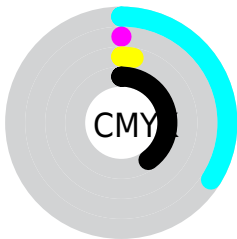
Distribution



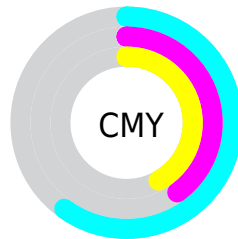
- Red (40%)
- Green (60%)
- Blue (58%)



- Red (40%)
- Yellow (51%)
- Blue (60%)



- Cyan (34%)
- Magenta (0%)
- Yellow (3%)
- Black (40%)





- Cyan (60%)
- Magenta (40%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 18.625, 188.936 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, 18.625, 188.936 by changing the saturation by 10% instead.


 60, 18.625,
188.936


 60, 18.625,
188.936


 100, 18.625,
188.936


 50, 18.625,
188.936


 80, 18.625,
188.936

 40, 18.625,
188.936

 90, 18.625,
188.936


 30, 18.625,
188.936

 20, 18.625,
188.936

 10, 18.625,
188.936

 0, 18.625, 188.936

 60, 18.625,

 60, 18.625,

188.936

188.936

■ 59, 23.265,
188.145

■ 61, 13.510,
189.709

■ 59, 27.337,
187.336

■ 62, 8.014, 190.486

■ 58, 30.767,
186.491

■ 63, 2.229, 191.377

■ 64, 3.761, 11.801

■ 58, 33.504,
185.598

■ 66, 9.885, 12.606

■ 57, 35.535,
184.639

■ 67, 16.081, 13.348

■ 69, 22.301, 14.070

■ 57, 36.895,
183.597

■ 71, 28.509, 14.778

■ 57, 37.566,
182.933

■ 72, 34.677, 15.472

Harmonies

Complementary

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



60, 18.625, 188.936



49, 22.416, 14.963

Rectangle

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



60, 18.625, 188.936



60, 18.625, 238.936



60, 18.625, 8.936



60, 18.625, 58.936

Sweetspot

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



60, 18.625, 188.933



80, 7.301, 190.772



59, 34.619, 139.681



42, 5.008, 190.665



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, 18.625, 188.933



76, 27.336, 188.299



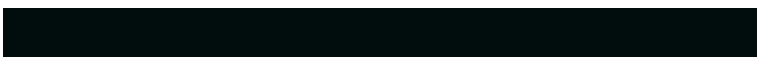
54, 15.760, 248.608



32, 3.304, 190.853



52, 35.048, 183.033



3, 3.645, 190.640

Inverse Universe

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



49, 22.416, 14.963



59, 34.587, 16.255



54, 18.333, 60.593



30, 3.461, 12.127



28, 62.929, 34.978



1, 3.636, 11.587

Previews

White Background



This preview shows how the CIELCh color 60, 18.625, 188.936 looks on a white background.

Color Contrast Check

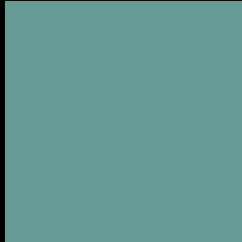
Large Text (above 18pt) WCAG AA ✓ Pass

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, 18.625, 188.936 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

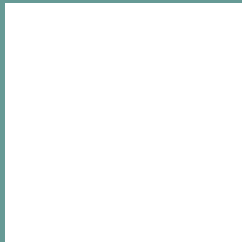
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 18.625, 188.936

Background



This preview shows how black text looks on a background with the CIELCh color 60, 18.625, 188.936.

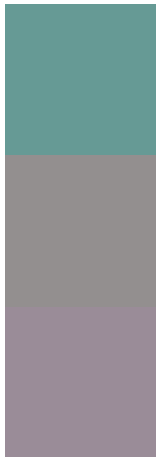


This preview shows how white text looks on a background with the CIELCh color 60, 18.625, 188.936.

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, 18.625, 188.936

Protanopia
60, 1.563, 19.284

Deuteranopia
60, 8.704, 329.110



Tritanopia
60, 16.757, 222.185

Trichromacy



Original Color
60, 18.625, 188.936

Protanomaly
60, 6.194, 188.339

Deuteranomaly
60, 5.004, 242.004

Tritanomaly
60, 16.727, 209.766

Monochromacy



Original Color
60, 18.625, 188.936

Achromatopsia
57, 0.007, 296.813

Achromatomaly
58, 7.304, 189.779

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 18.625, 188.936 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(102, 154, 149)` looks like.

```
.text, #text, p{  
    color:rgb(102, 154, 149)  
}
```

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(102, 154, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 154, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 18.625, 188.936 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(102, 154, 149) }
```

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

```
.border{ border-color:rgb(102, 154, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 154, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 154, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 154, 149);  
box-shadow:4px 4px 4px 4px rgb(102, 154,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 18.625, 188.936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 154, 149) }
```

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

```
.background{ background-color: rgb(102,  
154, 149) }
```

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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