

Converting Colors

CIELCh(61, 20.615, 182.764)

Have a look what the booklet for
CIELCh(61, 20.615, 182.764)
contains.

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Color

CIELCh(61, 21.023, 181.910)

Conversions

Conversions Part 1

Format	Color
Hex	659E94
RGB	101, 158, 148
RGB Percent	40%, 62%, 58%
CMY	0.6049, 0.3814, 0.4206
CMYK	0.36, 0.00, 0.06, 0.38
HSL	169°, 23%, 51%
HSV	169°, 36%, 62%
XYZ	22.8470, 29.2481, 32.3532
YIQ	139.8170, -30.7620, -15.1940

Conversions

Conversions Part 2

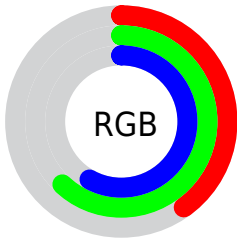
Format	Color
RYB	101, 132, 158
Decimal	6659732
CIELab	61.00, -21.01, -0.70
CIElCh	61, 21.023, 181.910
Yxy	29.2481, 0.2705, 0.3463
Android (android.graphics.Color)	4284849812 (0xFF659E94)
YUV	139.8170, 4.0342, -34.0425
Hunter-Lab	54.0815, -19.2346, 2.3881

Details

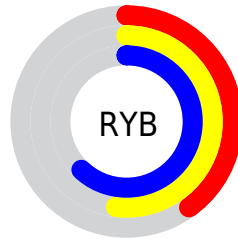
The CIELCh color **61, 21.023, 181.910** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **49, 24.701, 9.280**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 21.146, 181.778**, and **41, 20.888, 181.660** is the 20% darker color. If you saturate the color by 10%, you get **60, 25.983, 180.885**, and if you desaturate by 10%, it is **62, 15.606, 182.873**.

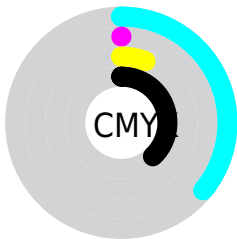
Distribution



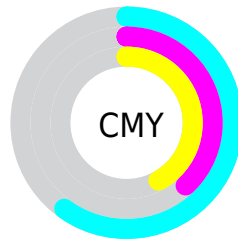
- Red (40%)
- Green (62%)
- Blue (58%)



- Red (40%)
- Yellow (52%)
- Blue (62%)



- Cyan (36%)
- Magenta (0%)
- Yellow (6%)
- Black (38%)





- Cyan (60%)
- Magenta (38%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 21.023, 181.910 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 61, 21.023, 181.910 by changing the saturation by 10% instead.


 61, 21.023,
181.910


 61, 21.023,
181.910


 100, 21.023,
181.910


 51, 21.023,
181.910


 81, 21.023,
181.910

 41, 21.023,
181.910

 91, 21.023,
181.910

 31, 21.023,
181.910

 21, 21.023,
181.910

 11, 21.023,
181.910

 1, 21.023, 181.910

 0, 21.023, 181.910

■ 61, 21.023,
181.910

■ 61, 21.023,
181.910

■ 60, 25.983,
180.885

■ 62, 15.606,
182.873

■ 60, 30.386,
179.786

■ 63, 9.829, 183.799

■ 64, 3.790, 184.739

■ 59, 34.155,
178.593

■ 66, 2.424, 5.284

■ 59, 37.235,
177.284

■ 67, 8.739, 6.223

■ 58, 39.617,
175.837

■ 69, 15.094, 7.028

■ 70, 21.442, 7.799

■ 58, 41.364,
174.248

■ 72, 27.746, 8.543

■ 58, 41.981,
173.636

■ 74, 33.979, 9.265

Harmonies

Complementary

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



61, 21.023, 181.910



49, 24.701, 9.280

Rectangle

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



61, 21.023, 181.910



61, 21.023, 231.910



61, 21.023, 1.910



61, 21.023, 51.910

Sweetspot

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



61, 21.024, 181.908



80, 8.330, 184.251



61, 36.761, 137.337



42, 5.574, 184.136



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



61, 21.024, 181.908



76, 30.108, 181.128



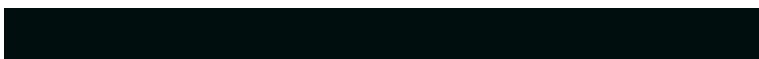
56, 16.433, 237.676



33, 3.489, 184.434



53, 38.960, 173.795



3, 4.685, 182.824

Inverse Universe

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



49, 24.701, 9.280



59, 36.741, 10.607



53, 20.291, 51.320



31, 3.625, 5.902



29, 60.659, 30.035



1, 4.616, 5.846

Previews

White Background



This preview shows how the CIE LCh color 61, 21.023, 181.910 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 61, 21.023, 181.910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

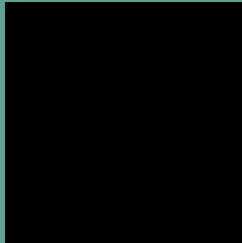
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 21.023, 181.910

Background



This preview shows how black text looks on a background with the CIELCh color 61, 21.023, 181.910.

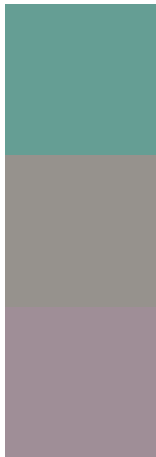


This preview shows how white text looks on a background with the CIELCh color 61, 21.023, 181.910.

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
61, 21.023, 181.910

Protanopia
61, 3.205, 80.373

Deuteranopia
61, 8.347, 342.915



Tritanopia
61, 17.551, 220.902

Trichromacy



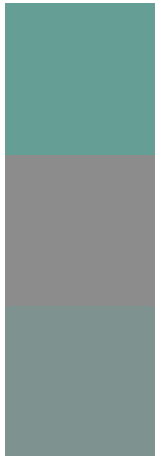
Original Color
61, 21.023, 181.910

Protanomaly
61, 7.986, 169.087

Deuteranomaly
61, 3.926, 215.888

Tritanomaly
61, 17.853, 205.179

Monochromacy



Original Color
61, 21.023, 181.910

Achromatopsia
58, 0.007, 296.813

Achromatomaly
59, 7.785, 186.062

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 21.023, 181.910 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(101, 158, 148)` looks like.

```
.text, #text, p{  
    color:rgb(101, 158, 148)  
}
```

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(101, 158, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 158, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 21.023, 181.910 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(101, 158, 148) }
```

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

```
.border{ border-color:rgb(101, 158, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 158, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 158, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 158, 148);  
box-shadow:4px 4px 4px 4px rgb(101, 158,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 21.023, 181.910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 158, 148) }
```

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

```
.background{ background-color: rgb(101,  
158, 148) }
```

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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