

Converting Colors

CIELCh(62, 19.959, 180.125)

Have a look what the booklet for
CIELCh(62, 19.959, 180.125)
contains.

CIELCh(62, 20.047, 179.611)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(62, 20.047, 179.611)

Conversions

Conversions Part 1

Format	Color
Hex	6BA095
RGB	107, 160, 149
RGB Percent	42%, 63%, 58%
CMY	0.5807, 0.3728, 0.4160
CMYK	0.33, 0.00, 0.07, 0.37
HSL	168°, 22%, 52%
HSV	168°, 33%, 63%
XYZ	24.0298, 30.4025, 33.0028
YIQ	142.8990, -28.0570, -14.6570

Conversions

Conversions Part 2

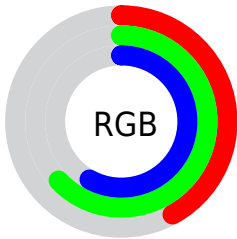
Format	Color
RYB	107, 137, 160
Decimal	7053461
CIELab	62.00, -20.05, 0.14
CIElCh	62, 20.047, 179.611
Yxy	30.4025, 0.2748, 0.3477
Android (android.graphics.Color)	4285243541 (0xFF6BA095)
YUV	142.8990, 3.0078, -31.4834
Hunter-Lab	55.1385, -18.7005, 3.1093

Details

The CIELCh color **62, 20.047, 179.611** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **51, 22.900, 6.395**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 20.134, 179.493**, and **42, 20.096, 179.436** is the 20% darker color. If you saturate the color by 10%, you get **61, 25.372, 178.542**, and if you desaturate by 10%, it is **63, 14.309, 180.609**.

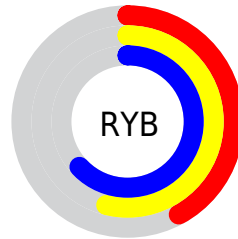
Distribution



Red (42%)

Green (63%)

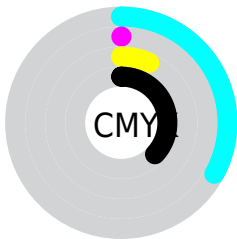
Blue (58%)



Red (42%)

Yellow (54%)

Blue (63%)

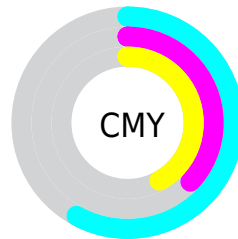


Cyan (33%)

Magenta (0%)

Yellow (7%)

Black (37%)



Cyan (58%)


Magenta (37%)


Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 20.047, 179.611 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 62, 20.047, 179.611 by changing the saturation by 10% instead.


 62, 20.047,
179.611


 62, 20.047,
179.611


 100, 20.047,
179.611


 52, 20.047,
179.611


 82, 20.047,
179.611

 42, 20.047,
179.611

 92, 20.047,
179.611

 32, 20.047,
179.611

 22, 20.047,
179.611

 12, 20.047,
179.611

 2, 20.047, 179.611

 0, 20.047, 179.611

■ 62, 20.047,
179.611

■ 62, 20.047,
179.611

■ 61, 25.372,
178.542

■ 63, 14.309,
180.609

■ 60, 30.182,
177.391

■ 64, 8.260, 181.566

■ 65, 1.995, 182.618

■ 60, 34.386,
176.134

■ 67, 4.403, 3.154

■ 59, 37.918,
174.748

■ 68, 10.863, 4.029

■ 59, 40.750,
173.213

■ 70, 17.330, 4.831

■ 72, 23.759, 5.598

■ 59, 42.908,
171.512

■ 73, 30.120, 6.337

■ 59, 44.161,
170.310

■ 75, 36.390, 7.051

Harmonies

Complementary

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



62, 20.047, 179.611



51, 22.900, 6.395

Rectangle

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



62, 20.047, 179.611



62, 20.047, 229.611



62, 20.047, 359.611



62, 20.047, 49.611

Sweetspot

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



62, 20.048, 179.609



82, 7.850, 181.847



62, 33.784, 136.604



43, 5.336, 181.721



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



62, 20.048, 179.609



78, 29.479, 178.801



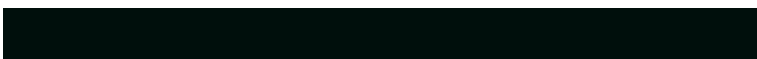
58, 15.308, 232.554



33, 3.539, 181.939



53, 40.546, 170.507



3, 4.758, 180.225

Inverse Universe

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



51, 22.900, 6.395



62, 34.823, 7.631



54, 18.785, 47.866



31, 3.665, 3.453



29, 59.438, 27.623



1, 4.669, 3.486

Previews

White Background



This preview shows how the CIELCh color 62, 20.047, 179.611 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 62, 20.047, 179.611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

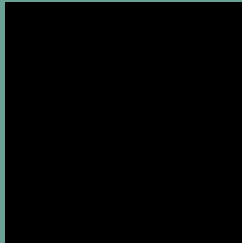
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 20.047, 179.611

Background



This preview shows how black text looks on a background with the CIELCh color 62, 20.047, 179.611.

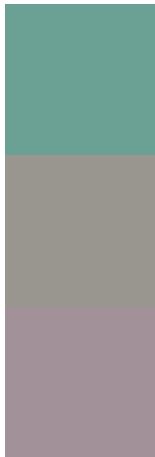


This preview shows how white text looks on a background with the CIELCh color 62, 20.047, 179.611.

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
62, 20.047, 179.611

Protanopia
62, 3.693, 84.553

Deuteranopia
62, 7.706, 349.580



Tritanopia
62, 16.454, 222.542

Trichromacy



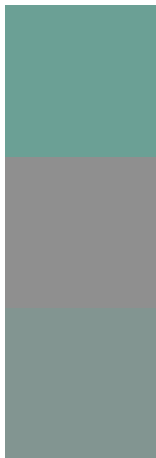
Original Color
62, 20.047, 179.611

Protanomaly
62, 7.958, 164.376

Deuteranomaly
61, 3.079, 209.799

Tritanomaly
62, 16.653, 205.801

Monochromacy



Original Color
62, 20.047, 179.611

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 7.582, 181.383

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 20.047, 179.611 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(107, 160, 149)` looks like.

```
.text, #text, p{  
    color:rgb(107, 160, 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(107, 160, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 160, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 20.047, 179.611 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(107, 160, 149) }
```

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

```
.border{ border-color:rgb(107, 160, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 160, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 160, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 160, 149);  
box-shadow:4px 4px 4px 4px rgb(107, 160,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 20.047, 179.611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 160, 149) }
```

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

```
.background{ background-color: rgb(107,  
160, 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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