

Converting Colors

CIELCh(62, 18.714, 170.998)

Have a look what the booklet for
CIELCh(62, 18.714, 170.998)
contains.

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Color

CIELCh(62, 18.730, 170.982)

Conversions

Conversions Part 1

Format	Color
Hex	729F90
RGB	114, 159, 144
RGB Percent	45%, 62%, 56%
CMY	0.5528, 0.3763, 0.4352
CMYK	0.28, 0.00, 0.09, 0.38
HSL	160°, 19%, 54%
HSV	160°, 28%, 62%
XYZ	24.3845, 30.4025, 30.9822
YIQ	143.8350, -22.0050, -14.2050

Conversions

Conversions Part 2

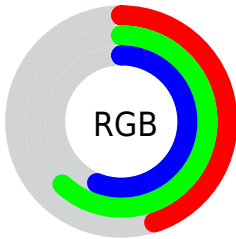
Format	Color
RYB	114, 141, 159
Decimal	7511952
CIELab	62.00, -18.50, 2.94
CIElCh	62, 18.730, 170.982
Yxy	30.4025, 0.2843, 0.3545
Android (android.graphics.Color)	4285702032 (0xFF729F90)
YUV	143.8350, 0.0813, -26.1653
Hunter-Lab	55.1385, -17.5522, 5.2820

Details

The CIELCh color $62, 18.730, 170.982$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $53, 20.128, 356.644$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 18.742, 171.135$, and $42, 18.443, 171.927$ is the 20% darker color. If you saturate the color by 10%, you get $61, 24.925, 169.844$, and if you desaturate by 10%, it is $63, 12.254, 172.025$.

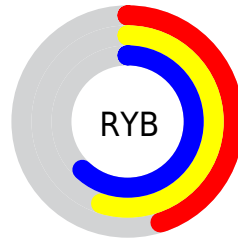
Distribution



Red (45%)

Green (62%)

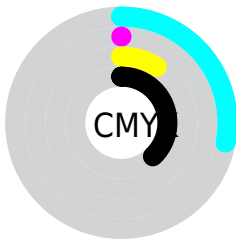
Blue (56%)



Red (45%)

Yellow (55%)

Blue (62%)

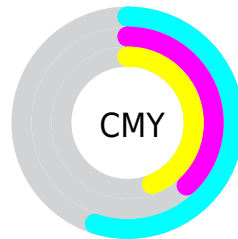


Cyan (28%)

Magenta (0%)

Yellow (9%)

Black (38%)



Cyan (55%)


Magenta (38%)


Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 18.730, 170.982 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, 18.730, 170.982 by changing the saturation by 10% instead.


 62, 18.730,
170.982


 62, 18.730,
170.982


 100, 18.730,
170.982


 52, 18.730,
170.982


 82, 18.730,
170.982

 42, 18.730,
170.982

 92, 18.730,
170.982

 32, 18.730,
170.982

 22, 18.730,
170.982

 12, 18.730,
170.982

 2, 18.730, 170.982

 0, 18.730, 170.982

62, 18.730,
170.982

62, 18.730,
170.982

61, 24.925,
169.844

63, 12.254,
172.025

60, 30.726,
168.595

64, 5.595, 173.017

59, 36.029,
167.208

66, 1.158, 353.494

59, 40.742,
165.661

67, 7.931, 354.616

58, 44.802,
163.930

69, 14.666,
355.423

58, 48.195,
162.002

71, 21.320,
356.175


58, 51.031,
159.925

72, 27.862,
356.886

58, 51.503,

74, 34.270,
357.564

159.584

 76, 39.799,
357.600

Harmonies

Complementary

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



62, 18.730, 170.982



53, 20.128, 356.644

Rectangle

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



62, 18.730, 170.982



62, 18.730, 220.982



62, 18.730, 350.982



62, 18.730, 40.982

Sweetspot

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



62, 18.731, 170.980



82, 6.675, 173.031



62, 27.614, 132.858



43, 4.778, 172.888



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, 18.731, 170.980



78, 27.565, 170.271



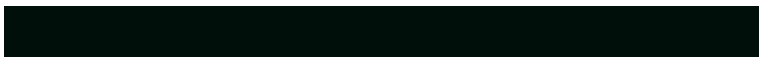
60, 13.848, 214.338



33, 3.793, 172.923



52, 47.422, 159.807



3, 5.100, 171.450

Inverse Universe

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



53, 20.128, 356.644



65, 30.126, 357.506



54, 16.821, 34.269



31, 3.883, 354.478



29, 55.845, 16.766



1, 4.948, 354.844

Previews

White Background



This preview shows how the CIELCh color 62, 18.730, 170.982 looks on a white background.

Color Contrast Check

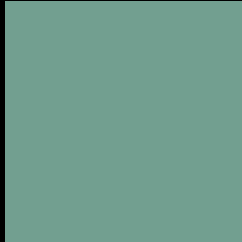
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 62, 18.730, 170.982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

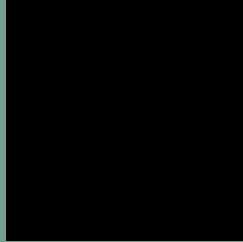
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 18.730, 170.982

Background



This preview shows how black text looks on a background with the CIELCh color 62, 18.730, 170.982.

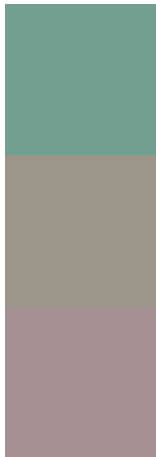


This preview shows how white text looks on a background with the CIELCh color 62, 18.730, 170.982.

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, 18.730, 170.982

Protanopia
62, 6.588, 88.151

Deuteranopia
62, 8.067, 8.181



Tritanopia
62, 14.251, 226.796

Trichromacy



Original Color
62, 18.730, 170.982

Protanomaly
62, 8.912, 143.982

Deuteranomaly
61, 2.051, 144.434

Tritanomaly
62, 14.181, 202.752

Monochromacy



Original Color
62, 18.730, 170.982

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 6.770, 174.189

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 18.730, 170.982 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(114, 159, 144)` looks like.

```
.text, #text, p{  
    color:rgb(114, 159, 144)  
}
```

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(114, 159, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 159, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 18.730, 170.982 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(114, 159, 144) }
```

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

```
.border{ border-color:rgb(114, 159, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 159, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 159, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 159, 144);  
box-shadow:4px 4px 4px 4px rgb(114, 159,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 18.730, 170.982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 159, 144) }
```

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

```
.background{ background-color: rgb(114,  
159, 144) }
```

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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