

Converting Colors

CIELCh(62, 14.715, 198.780)

Have a look what the booklet for
CIELCh(62, 14.715, 198.780)
contains.

CIELCh(62, 14.531, 200.369)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(62, 14.531, 200.369)

Conversions

Conversions Part 1

Format	Color
Hex	749D9E
RGB	116, 157, 158
RGB Percent	45%, 62%, 62%
CMY	0.5442, 0.3833, 0.3794
CMYK	0.27, 0.01, 0.00, 0.38
HSL	181°, 18%, 54%
HSV	181°, 27%, 62%
XYZ	25.5246, 30.4025, 36.9803
YIQ	144.8550, -24.7570, -8.3810

Conversions

Conversions Part 2

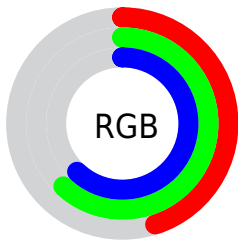
Format	Color
RYB	116, 137, 158
Decimal	7642526
CIELab	62.00, -13.62, -5.06
CIELCh	62, 14.531, 200.369
Yxy	30.4025, 0.2747, 0.3272
Android (android.graphics.Color)	4285832606 (0xFF749D9E)
YUV	144.8550, 6.4805, -25.3058
Hunter-Lab	55.1385, -13.8615, -1.1677

Details

The CIELCh color **62, 14.531, 200.369** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **53, 17.349, 23.241**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 14.688, 200.471**, and **42, 14.604, 200.105** is the 20% darker color. If you saturate the color by 10%, you get **61, 19.234, 200.048**, and if you desaturate by 10%, it is **63, 9.356, 200.754**.

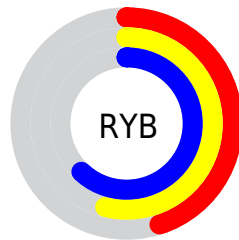
Distribution



Red (45%)

Green (62%)

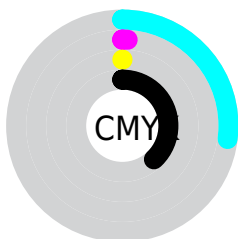
Blue (62%)



Red (45%)

Yellow (54%)

Blue (62%)

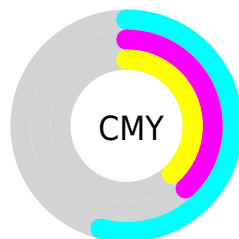


Cyan (27%)

Magenta (1%)

Yellow (0%)

Black (38%)



Cyan (54%)


Magenta (38%)

Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 14.531, 200.369 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, 14.531, 200.369 by changing the saturation by 10% instead.


 62, 14.531,
200.369


 62, 14.531,
200.369


 100, 14.531,
200.369


 52, 14.531,
200.369


 82, 14.531,
200.369

 42, 14.531,
200.369

 92, 14.531,
200.369

 32, 14.531,
200.369

 22, 14.531,
200.369

 12, 14.531,
200.369

 2, 14.531, 200.369

 0, 14.531, 200.369

62, 14.531,
200.369

62, 14.531,
200.369

61, 19.234,
200.048

63, 9.356, 200.754

60, 23.374,
199.810

64, 3.800, 201.253

66, 2.051, 21.372

59, 26.872,
199.658

67, 8.119, 22.043

59, 29.666,
199.599

69, 14.337, 22.595

70, 20.650, 23.149

58, 31.726,
199.641

72, 27.013, 23.709

58, 33.063,
199.787

74, 33.391, 24.271

76, 38.258, 24.766

58, 33.762,
200.032

58, 33.950,

Harmonies

Complementary

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



62, 14.531, 200.369



53, 17.349, 23.241

Rectangle

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



62, 14.531, 200.369



62, 14.531, 250.369



62, 14.531, 20.369



62, 14.531, 70.369

Sweetspot

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



62, 14.531, 200.364



82, 5.748, 201.157



61, 28.463, 143.125



43, 4.103, 201.079



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, 14.531, 200.364



78, 21.267, 200.163



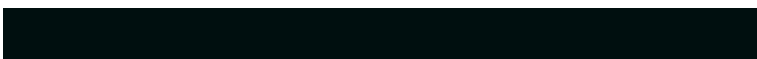
56, 14.113, 261.176



33, 3.259, 201.098



52, 31.501, 200.090



3, 4.342, 201.953

Inverse Universe

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



54, 28.337, 326.507



67, 42.339, 326.829



59, 15.035, 73.922



31, 6.007, 325.557



33, 73.693, 329.178



1, 7.786, 325.233

Previews

White Background



This preview shows how the CIELCh color 62, 14.531, 200.369 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, 14.531, 200.369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

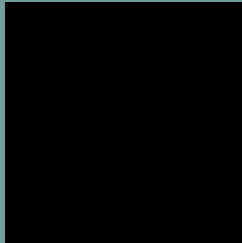
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 14.531, 200.369

Background



This preview shows how black text looks on a background with the CIELCh color 62, 14.531, 200.369.

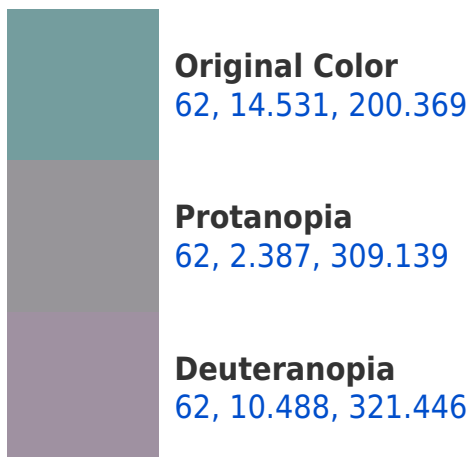


This preview shows how white text looks on a background with the CIELCh color 62, 14.531, 200.369.

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](#).

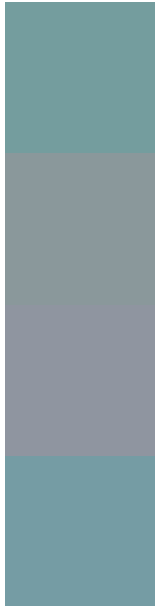
Dichromacy





Tritanopia
62, 14.528, 226.187

Trichromacy



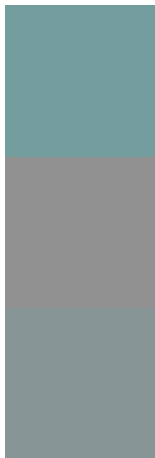
Original Color
62, 14.531, 200.369

Protanomaly
62, 5.453, 217.061

Deuteranomaly
62, 6.527, 270.940

Tritanomaly
62, 14.177, 216.887

Monochromacy



Original Color
62, 14.531, 200.369

Achromatopsia
60, 0.008, 296.813

Achromatomaly
61, 5.288, 205.131

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 14.531, 200.369 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(116, 157, 158)` looks like.

```
.text, #text, p{  
    color:rgb(116, 157, 158)  
}
```

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(116, 157, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 157, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 14.531, 200.369 is called "border". The border property can be set on classes, ids or directly on the HTML element.

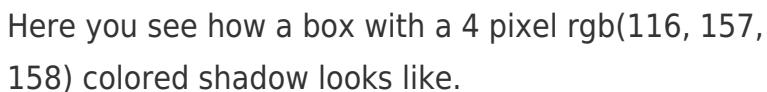
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(116, 157, 158) }
```

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

```
.border{ border-color:rgb(116, 157, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(116, 157, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 157, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 157, 158); box-shadow:4px 4px 4px 4px rgb(116, 157, 158) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 14.531, 200.369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 157, 158) }
```

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

```
.background{ background-color: rgb(116,  
157, 158) }
```

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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