

Converting Colors

CIELCh(62, 14.820, 202.500)

Have a look what the booklet for
CIELCh(62, 14.820, 202.500)
contains.

CIELCh(62, 14.820, 202.500)	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, 14.820, 202.500)

Conversions

Conversions Part 1	
Format	Color
Hex	739D9F
RGB	115, 157, 159
RGB Percent	45%, 62%, 62%
CMY	0.5478, 0.3830, 0.3752
CMYK	0.28, 0.01, 0.00, 0.38
HSL	183°, 19%, 54%
HSV	183°, 28%, 62%
XYZ	25.5081, 30.4025, 37.4704
YIQ	144.6700, -25.6740, -8.2820

Conversions

Conversions Part 2

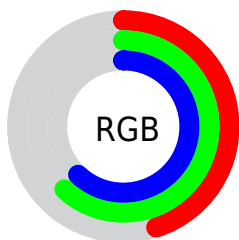
Format	Color
RYB	115, 136, 159
Decimal	7576991
CIELab	62.00, -13.69, -5.67
CIELCh	62, 14.820, 202.500
Yxy	30.4025, 0.2732, 0.3256
Android (android.graphics.Color)	4285767071 (0xFF739D9F)
YUV	144.6700, 7.0647, -26.0206
Hunter-Lab	55.1385, -13.9149, -1.6946

Details

The CIELCh color **62, 14.820, 202.500** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **53, 17.872, 25.050**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 14.985, 202.456**, and **42, 14.856, 202.407** is the 20% darker color. If you saturate the color by 10%, you get **61, 19.387, 202.297**, and if you desaturate by 10%, it is **63, 9.776, 202.783**.

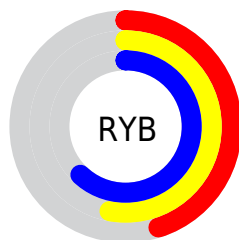
Distribution



Red (45%)

Green (62%)

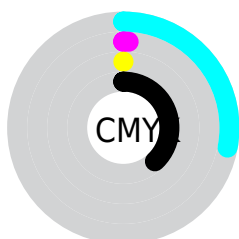
Blue (62%)



Red (45%)

Yellow (53%)

Blue (62%)

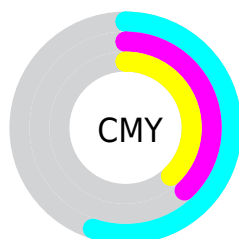


Cyan (28%)

Magenta (1%)

Yellow (0%)

Black (38%)



Cyan (55%)

Magenta (38%)

Yellow (38%)

Brightness & Saturation


Gradients


These gradients show how the CIELCh color 62, 14.820, 202.500 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, 14.820, 202.500 by changing the saturation by 10% instead.

 62, 14.820,
202.500

 62, 14.820,
202.500

 100, 14.820,
202.500

 52, 14.820,
202.500


 82, 14.820,
202.500

 42, 14.820,
202.500

 92, 14.820,
202.500

 32, 14.820,
202.500

 22, 14.820,
202.500

 12, 14.820,
202.500

 2, 14.820, 202.500

 0, 14.820, 202.500

■ 62, 14.820,
202.500

■ 62, 14.820,
202.500

■ 61, 19.387,
202.297

■ 63, 9.776, 202.783

■ 60, 23.387,
202.198

■ 65, 4.346, 203.180

■ 66, 1.387, 23.124

■ 59, 26.742,
202.211

■ 68, 7.343, 23.830

■ 58, 29.390,
202.350

■ 69, 13.459, 24.322

■ 71, 19.679, 24.817

■ 58, 31.305,
202.630

■ 73, 25.959, 25.321

■ 57, 32.498,
203.062

■ 75, 32.263, 25.830

■ 76, 37.047, 26.352

■ 57, 33.081,
203.637

■ 57, 33.193,

Harmonies

Complementary

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



62, 14.820, 202.500



53, 17.872, 25.050

Rectangle

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



62, 14.820, 202.500



62, 14.820, 252.500



62, 14.820, 22.500



62, 14.820, 72.500

Sweetspot

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



62, 14.820, 202.496



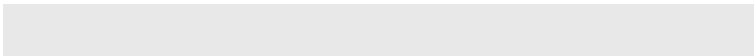
82, 5.628, 203.154



62, 29.443, 143.481



43, 4.017, 203.087



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, 14.820, 202.496



78, 21.370, 202.365



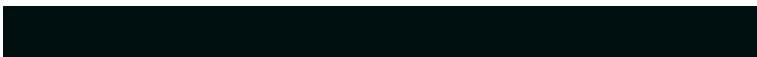
56, 15.015, 263.139



33, 3.191, 203.103



51, 30.653, 203.705



3, 4.233, 204.350

Inverse Universe

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



54, 29.214, 327.186



66, 43.004, 327.511



59, 15.922, 75.479



31, 5.919, 326.161



33, 72.476, 330.083



1, 7.646, 325.973

Previews

White Background



This preview shows how the CIELCh color 62, 14.820, 202.500 looks on a white background.

Color Contrast Check

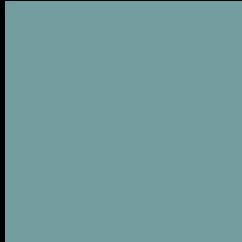
Large Text (above 18pt) WCAG AA × Fail

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, 14.820, 202.500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

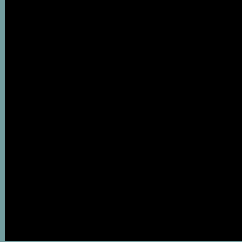
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 14.820, 202.500

Background



This preview shows how black text looks on a background with the CIELCh color 62, 14.820, 202.500.

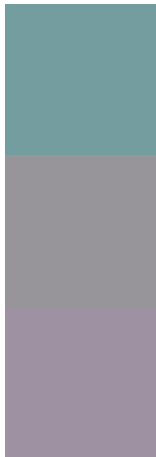


This preview shows how white text looks on a background with the CIELCh color 62, 14.820, 202.500.

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, 14.820, 202.500

Protanopia

62, 2.924, 305.632

Deuteranopia

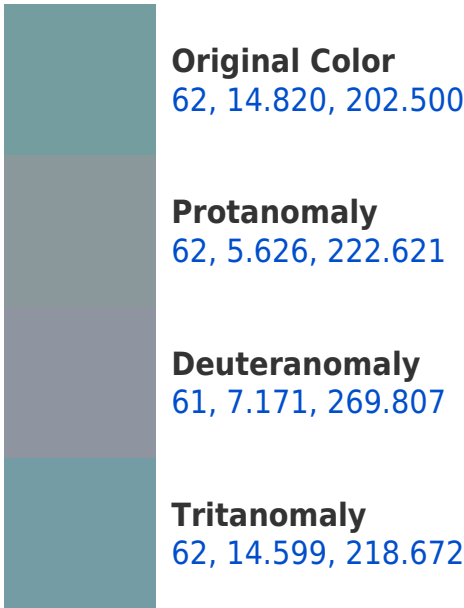
62, 10.794, 318.172



Tritanopia

62, 14.806, 225.604

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 14.820, 202.500 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(115, 157, 159)` looks like.

```
.text, #text, p{  
    color:rgb(115, 157, 159)  
}
```

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(115, 157, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 157, 159) }
```

Border

The CSS property to change the border of an element to CIElCh 62, 14.820, 202.500 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(115, 157, 159) }
```

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

```
.border{ border-color:rgb(115, 157, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 157, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 157, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 157, 159);  
box-shadow:4px 4px 4px 4px rgb(115, 157,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 14.820, 202.500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 157, 159) }
```

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

```
.background{ background-color: rgb(115,  
157, 159) }
```

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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