

Converting Colors

CIELCh(62, 15.130, 200.444)

Have a look what the booklet for
CIELCh(62, 15.130, 200.444)
contains.

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Color

CIELCh(62, 15.162, 200.225)

Conversions

Conversions Part 1

Format	Color
Hex	739E9F
RGB	115, 158, 159
RGB Percent	45%, 62%, 62%
CMY	0.5507, 0.3822, 0.3782
CMYK	0.28, 0.01, 0.00, 0.38
HSL	181°, 19%, 54%
HSV	181°, 28%, 62%
XYZ	25.3813, 30.4025, 37.1267
YIQ	145.2570, -25.9490, -8.8050

Conversions

Conversions Part 2

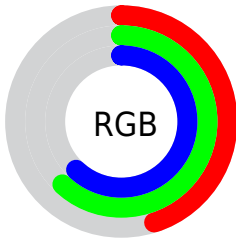
Format	Color
RYB	115, 137, 159
Decimal	7577247
CIELab	62.00, -14.23, -5.24
CIELCh	62, 15.162, 200.225
Yxy	30.4025, 0.2732, 0.3272
Android (android.graphics.Color)	4285767327 (0xFF739E9F)
YUV	145.2570, 6.7753, -26.5354
Hunter-Lab	55.1385, -14.3254, -1.3251

Details

The CIELCh color **62, 15.162, 200.225** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **53, 18.263, 23.281**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 15.315, 200.343**, and **42, 15.210, 199.948** is the 20% darker color. If you saturate the color by 10%, you get **61, 19.815, 199.908**, and if you desaturate by 10%, it is **63, 10.025, 200.606**.

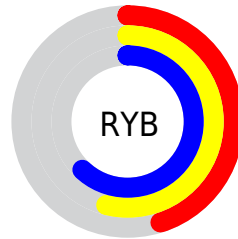
Distribution



Red (45%)

Green (62%)

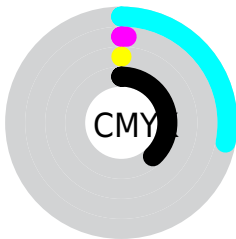
Blue (62%)



Red (45%)

Yellow (54%)

Blue (62%)

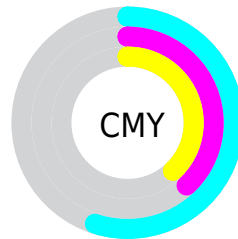


Cyan (28%)

Magenta (1%)

Yellow (0%)

Black (38%)



Cyan (55%)


Magenta (38%)


Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 15.162, 200.225 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, 15.162, 200.225 by changing the saturation by 10% instead.


 62, 15.162,
200.225


 62, 15.162,
200.225


 100, 15.162,
200.225


 52, 15.162,
200.225


 82, 15.162,
200.225

 42, 15.162,
200.225

 92, 15.162,
200.225

 32, 15.162,
200.225

 22, 15.162,
200.225

 12, 15.162,
200.225

 2, 15.162, 200.225

 0, 15.162, 200.225

62, 15.162,
200.225

62, 15.162,
200.225

61, 19.815,
199.908

63, 10.025,
200.606

60, 23.892,
199.674

64, 4.496, 201.087

66, 1.339, 21.102

60, 27.317,
199.525

67, 7.400, 21.889

59, 30.031,
199.470

69, 13.619, 22.446

59, 32.010,
199.514

70, 19.939, 23.002

72, 26.314, 23.564

58, 33.268,
199.661

74, 32.708, 24.128

58, 33.922,
199.899

76, 38.167, 24.649

58, 34.046,

199.955

Harmonies

Complementary

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



62, 15.162, 200.225



53, 18.263, 23.281

Rectangle

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



62, 15.162, 200.225



62, 15.162, 250.225



62, 15.162, 20.225



62, 15.162, 70.225

Sweetspot

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



62, 15.162, 200.221



82, 5.754, 201.063



61, 29.792, 143.026



43, 4.107, 200.985



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, 15.162, 200.221



78, 21.865, 200.028



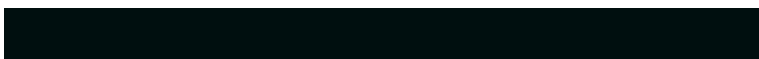
56, 14.765, 261.399



33, 3.263, 201.004



53, 31.545, 199.923



3, 4.348, 201.840

Inverse Universe

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



54, 29.678, 326.542



66, 43.665, 326.853



59, 15.781, 73.771



31, 6.011, 325.528



33, 73.752, 329.135



1, 7.793, 325.198

Previews

White Background



This preview shows how the CIELCh color 62, 15.162, 200.225 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, 15.162, 200.225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

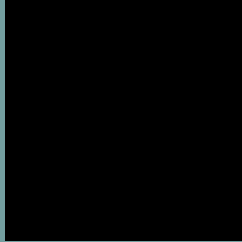
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 15.162, 200.225

Background



This preview shows how black text looks on a background with the CIELCh color 62, 15.162, 200.225.

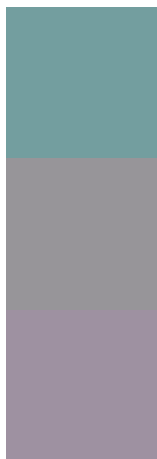


This preview shows how white text looks on a background with the CIELCh color 62, 15.162, 200.225.

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, 15.162, 200.225

Protanopia

62, 2.387, 309.139

Deuteranopia

62, 10.301, 319.600



Tritanopia
62, 15.011, 227.659

Trichromacy



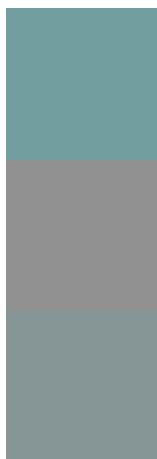
Original Color
62, 15.162, 200.225

Protanomaly
62, 5.453, 217.061

Deuteranomaly
62, 6.292, 262.719

Tritanomaly
62, 14.768, 216.056

Monochromacy



Original Color
62, 15.162, 200.225

Achromatopsia
60, 0.008, 296.813

Achromatomaly
61, 6.013, 198.915

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 15.162, 200.225 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, 158, 159)` looks like.

```
.text, #text, p{  
    color:rgb(115, 158, 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, 158, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 158, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 15.162, 200.225 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, 158, 159) }
```

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

```
.border{ border-color:rgb(115, 158, 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, 158, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 158, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 158, 159);  
box-shadow:4px 4px 4px 4px rgb(115, 158,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 15.162, 200.225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 158, 159) }
```

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

```
.background{ background-color: rgb(115,  
158, 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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