

Converting Colors

CIELCh(62, 6.523, 199.893)

Have a look what the booklet for
CIELCh(62, 6.523, 199.893) contains.

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Color

CIELCh(62, 6.358, 198.888)

Conversions

Conversions Part 1

Format	Color
Hex	889999
RGB	136, 153, 153
RGB Percent	53%, 60%, 60%
CMY	0.4659, 0.3992, 0.3992
CMYK	0.11, 0.00, 0.00, 0.40
HSL	180°, 8%, 57%
HSV	180°, 11%, 60%
XYZ	27.3732, 30.4025, 34.6465
YIQ	147.9170, -10.1320, -3.6040

Conversions

Conversions Part 2

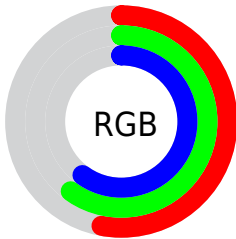
Format	Color
R_{YB}	136, 145, 153
Decimal	8952217
CIE Lab	62.00, -6.02, -2.06
CIE LCh	62, 6.358, 198.888
Yxy	30.4025, 0.2962, 0.3290
Android (android.graphics.Color)	4287142297 (0xFF889999)
YUV	147.9170, 2.5059, -10.4512
Hunter-Lab	55.1385, -7.8771, 1.3419

Details

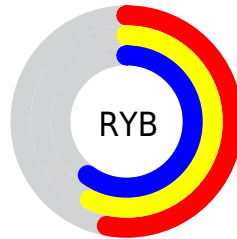
The CIELCh color $62, 6.358, 198.888$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $58, 6.810, 20.030$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 6.401, 199.020$, and $42, 6.369, 198.672$ is the 20% darker color. If you saturate the color by 10%, you get $61, 11.746, 198.353$, and if you desaturate by 10%, it is $63, 0.644, 200.037$.

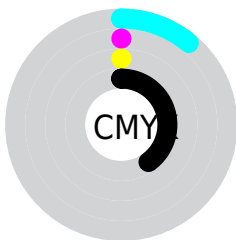
Distribution



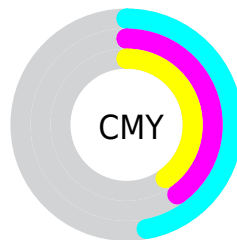
- Red (53%)
- Green (60%)
- Blue (60%)



- Red (53%)
- Yellow (57%)
- Blue (60%)



- Cyan (11%)
- Magenta (0%)
- Yellow (0%)
- Black (40%)



- Cyan (47%)
- Magenta (40%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 6.358, 198.888 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, 6.358, 198.888 by changing the saturation by 10% instead.

■ 62, 6.358, 198.888

■ 62, 6.358, 198.888

■ 100, 6.358,
198.888

■ 52, 6.358, 198.888

■ 82, 6.358, 198.888

■ 42, 6.358, 198.888

■ 92, 6.358, 198.888

■ 32, 6.358, 198.888

■ 22, 6.358, 198.888

■ 12, 6.358, 198.888

■ 2, 6.358, 198.888

■ 0, 6.358, 198.888

■ 62, 6.358, 198.888

■ 62, 6.358, 198.888

■ 61, 11.746,

■ 63, 0.644, 200.037

198.353

64, 5.317, 19.807

60, 16.716,
197.896

66, 11.450, 20.434

59, 21.179,
197.496

67, 17.696, 21.046

59, 25.051,
197.156

69, 24.004, 21.661

58, 28.261,
196.877

71, 30.335, 22.278

58, 30.766,
196.663

72, 36.657, 22.893

57, 32.557,
196.510

74, 41.412, 23.353

57, 33.665,
196.415

57, 34.262,
196.364

Harmonies

Complementary

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



62, 6.358, 198.888



58, 6.810, 20.030

Rectangle

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



62, 6.358, 198.888



62, 6.358, 248.888



62, 6.358, 18.888



62, 6.358, 68.888

Sweetspot

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



62, 6.359, 198.876



80, 2.166, 199.481



62, 11.611, 143.386



42, 1.635, 199.389



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



62, 6.359, 198.876



78, 9.161, 198.756



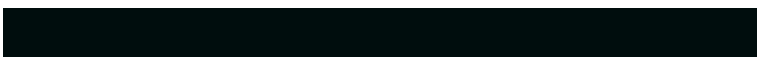
60, 5.630, 255.052



32, 3.250, 198.987



53, 32.123, 196.364



3, 3.595, 199.408

Inverse Universe

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



58, 6.810, 20.030



73, 9.949, 20.200



60, 5.795, 72.243



30, 3.439, 19.884



28, 66.108, 39.044



1, 3.595, 19.393

Previews

White Background



This preview shows how the CIELCh color 62, 6.358, 198.888 looks on a white background.

Color Contrast Check

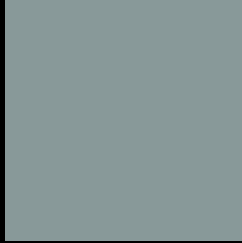
Large Text (above 18pt) WCAG AA × Fail

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, 6.358, 198.888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

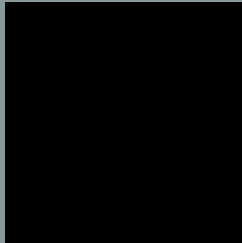
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

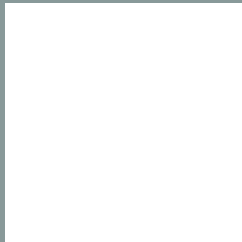
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 6.358, 198.888

Background



This preview shows how black text looks on a background with the CIELCh color 62, 6.358, 198.888.

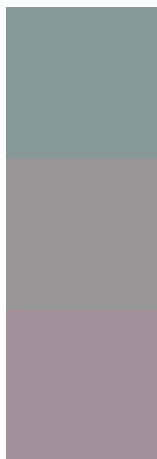


This preview shows how white text looks on a background with the CIELCh color 62, 6.358, 198.888.

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

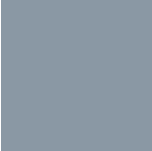
62, 6.358, 198.888

Protanopia

62, 1.626, 335.624

Deuteranopia

62, 8.661, 339.939



Tritanopia
62, 8.333, 253.236

Trichromacy



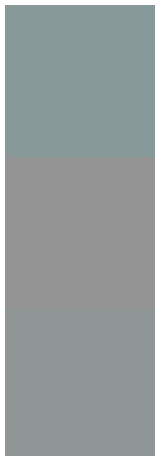
Original Color
62, 6.358, 198.888

Protanomaly
62, 1.978, 215.947

Deuteranomaly
62, 3.900, 319.925

Tritanomaly
62, 7.019, 238.952

Monochromacy



Original Color
62, 6.358, 198.888

Achromatopsia
61, 0.008, 296.813

Achromatomaly
62, 2.290, 199.384

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 6.358, 198.888 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(136, 153, 153)` looks like.

```
.text, #text, p{  
    color:rgb(136, 153, 153)  
}
```

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(136, 153, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 153, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 6.358, 198.888 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(136, 153, 153) }
```

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

```
.border{ border-color:rgb(136, 153, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 153, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 153, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 153, 153);  
box-shadow:4px 4px 4px 4px rgb(136, 153,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 6.358, 198.888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 153, 153) }
```

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

```
.background{ background-color: rgb(136,  
153, 153) }
```

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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