

Converting Colors

CIELCh(62, 5.188, 194.294)

Have a look what the booklet for
CIELCh(62, 5.188, 194.294) contains.

CIELCh(62, 5.317, 192.928)	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, 5.317, 192.928)

Conversions

Conversions Part 1

Format	Color
Hex	8B9998
RGB	139, 153, 152
RGB Percent	55%, 60%, 60%
CMY	0.4561, 0.4012, 0.4051
CMYK	0.09, 0.00, 0.01, 0.40
HSL	176°, 6%, 57%
HSV	176°, 9%, 60%
XYZ	27.5810, 30.4025, 33.9894
YIQ	148.7000, -8.0230, -3.2790

Conversions

Conversions Part 2

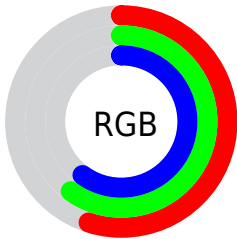
Format	Color
RYB	139, 146, 153
Decimal	9148824
CIELab	62.00, -5.18, -1.19
CIELCh	62, 5.317, 192.928
Yxy	30.4025, 0.2999, 0.3306
Android (android.graphics.Color)	4287338904 (0xFF8B9998)
YUV	148.7000, 1.6269, -8.5069
Hunter-Lab	55.1385, -7.2044, 2.0484

Details

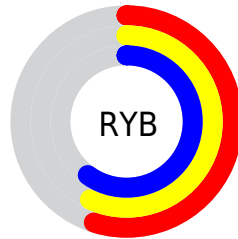
The CIELCh color **62, 5.317, 192.928** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **59, 5.585, 14.098**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 5.049, 193.110**, and **42, 5.283, 192.228** is the 20% darker color. If you saturate the color by 10%, you get **61, 10.866, 192.176**, and if you desaturate by 10%, it is **63, 0.494, 12.633**.

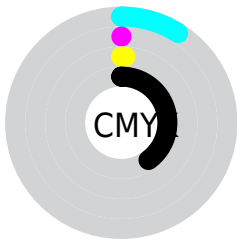
Distribution



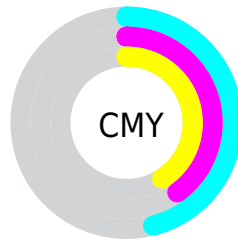
- Red (55%)
- Green (60%)
- Blue (60%)



- Red (55%)
- Yellow (57%)
- Blue (60%)



- Cyan (9%)
- Magenta (0%)
- Yellow (1%)
- Black (40%)



- Cyan (46%)
- Magenta (40%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 5.317, 192.928 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, 5.317, 192.928 by changing the saturation by 10% instead.

■ 62, 5.317, 192.928

■ 62, 5.317, 192.928

■ 100, 5.317,
192.928

■ 52, 5.317, 192.928

■ 82, 5.317, 192.928

■ 42, 5.317, 192.928

■ 92, 5.317, 192.928

■ 32, 5.317, 192.928

■ 22, 5.317, 192.928

■ 12, 5.317, 192.928

■ 2, 5.317, 192.928

■ 0, 5.317, 192.928

■ 62, 5.317, 192.928

■ 62, 5.317, 192.928

■ 61, 10.866,

■ 63, 0.494, 12.633

192.176

65, 6.491, 14.162

60, 16.063,
191.469

66, 12.606, 14.894

59, 20.816,
190.769

68, 18.784, 15.601

58, 25.032,
190.070

69, 24.979, 16.296

58, 28.630,
189.362

71, 31.160, 16.981

57, 31.552,
188.636

73, 37.300, 17.654

57, 33.768,
187.878

74, 41.035, 17.753

57, 35.292,
187.074

57, 36.286,
186.229

Harmonies

Complementary

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



62, 5.317, 192.928



59, 5.585, 14.098

Rectangle

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



62, 5.317, 192.928



62, 5.317, 242.928



62, 5.317, 12.928



62, 5.317, 62.928

Sweetspot

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



62, 5.318, 192.915



80, 2.182, 193.505



62, 9.347, 141.732



42, 1.648, 193.402



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, 5.318, 192.915



79, 7.882, 192.756



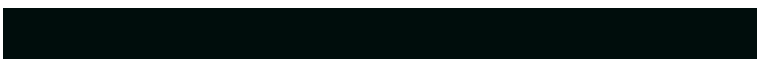
60, 4.453, 247.006



32, 3.284, 192.910



52, 34.158, 186.230



3, 3.625, 192.807

Inverse Universe

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



59, 5.585, 14.098



74, 8.370, 14.288



61, 4.601, 64.874



30, 3.449, 14.104



28, 63.772, 36.138



1, 3.619, 13.569

Previews

White Background



This preview shows how the CIELCh color 62, 5.317, 192.928 looks on a white background.

Color Contrast Check

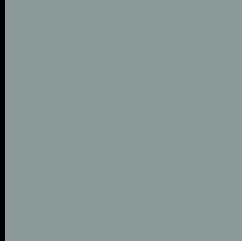
Large Text (above 18pt) WCAG AA × Fail

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, 5.317, 192.928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

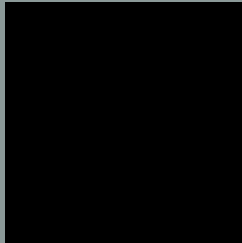
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

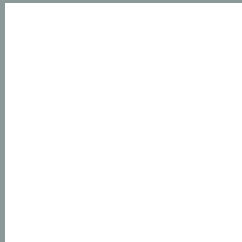
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 5.317, 192.928

Background



This preview shows how black text looks on a background with the CIELCh color 62, 5.317, 192.928.



This preview shows how white text looks on a background with the CIELCh color 62, 5.317, 192.928.

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

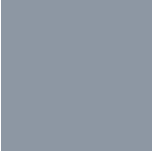
62, 5.317, 192.928

Protanopia

62, 1.162, 19.134

Deuteranopia

62, 7.997, 346.110



Tritanopia
62, 7.589, 262.033

Trichromacy



Original Color
62, 5.317, 192.928

Protanomaly
62, 1.150, 199.685

Deuteranomaly
62, 3.657, 329.552

Tritanomaly
62, 5.861, 241.323

Monochromacy



Original Color
62, 5.317, 192.928

Achromatopsia
61, 0.008, 296.813

Achromatomaly
62, 2.003, 183.170

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 5.317, 192.928 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(139, 153, 152)` looks like.

```
.text, #text, p{  
    color:rgb(139, 153, 152)  
}
```

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(139, 153, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 153, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 5.317, 192.928 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(139, 153, 152) }
```

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

```
.border{ border-color:rgb(139, 153, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 153, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 153, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 153, 152);  
box-shadow:4px 4px 4px 4px rgb(139, 153,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 5.317, 192.928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 153, 152) }
```

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

```
.background{ background-color: rgb(139,  
153, 152) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor