

Converting Colors

CIELCh(62, 6.096, 181.220)

Have a look what the booklet for
CIELCh(62, 6.096, 181.220) contains.

CIELCh(62, 5.949, 182.469)	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, 5.949, 182.469)

Conversions

Conversions Part 1

Format	Color
Hex	8A9996
RGB	138, 153, 150
RGB Percent	54%, 60%, 59%
CMY	0.4587, 0.3999, 0.4116
CMYK	0.10, 0.00, 0.02, 0.40
HSL	168°, 7%, 57%
HSV	168°, 10%, 60%
XYZ	27.3911, 30.4025, 33.2928
YIQ	148.1730, -7.9770, -4.1130

Conversions

Conversions Part 2

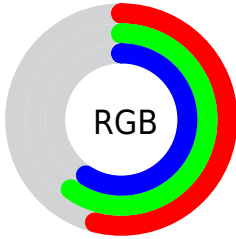
Format	Color
RYB	138, 146, 153
Decimal	9083286
CIELab	62.00, -5.94, -0.26
CIElCh	62, 5.949, 182.469
Yxy	30.4025, 0.3007, 0.3338
Android (android.graphics.Color)	4287273366 (0xFF8A9996)
YUV	148.1730, 0.9007, -8.9217
Hunter-Lab	55.1385, -7.8190, 2.7975

Details

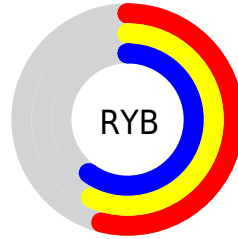
The CIELCh color $62, 5.949, 182.469$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $59, 6.179, 4.071$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 5.981, 183.620$, and $42, 5.988, 181.053$ is the 20% darker color. If you saturate the color by 10%, you get $61, 11.841, 181.516$, and if you desaturate by 10%, it is $63, 0.124, 359.890$.

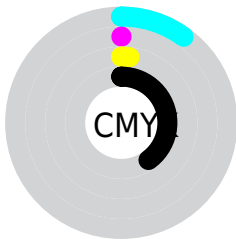
Distribution



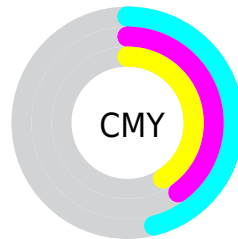
- Red (54%)
- Green (60%)
- Blue (59%)



- Red (54%)
- Yellow (57%)
- Blue (60%)



- Cyan (10%)
- Magenta (0%)
- Yellow (2%)
- Black (40%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 5.949, 182.469 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, 5.949, 182.469 by changing the saturation by 10% instead.

■ 62, 5.949, 182.469

■ 62, 5.949, 182.469

■ 100, 5.949,
182.469

■ 52, 5.949, 182.469

■ 82, 5.949, 182.469

■ 42, 5.949, 182.469

■ 92, 5.949, 182.469

■ 32, 5.949, 182.469

■ 22, 5.949, 182.469

■ 12, 5.949, 182.469

■ 2, 5.949, 182.469

■ 0, 5.949, 182.469

■ 62, 5.949, 182.469

■ 62, 5.949, 182.469

■ 61, 11.841,

■ 63, 0.124, 359.890

181.516

65, 6.306, 4.021

60, 17.459,
180.546

66, 12.534, 4.855

59, 22.710,
179.520

68, 18.756, 5.641

58, 27.494,
178.420

69, 24.936, 6.395

58, 31.721,
177.225

71, 31.045, 7.124

57, 35.318,
175.915

73, 37.064, 7.830

57, 38.245,
174.468

74, 40.938, 7.463

56, 40.507,
172.864

56, 42.284,
171.158

Harmonies

Complementary

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



62, 5.949, 182.469



59, 6.179, 4.071

Rectangle

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



62, 5.949, 182.469



62, 5.949, 232.469



62, 5.949, 2.469



62, 5.949, 52.469

Sweetspot

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



62, 5.950, 182.459



80, 2.269, 183.201



62, 9.610, 137.892



42, 1.715, 183.090



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, 5.950, 182.459



78, 8.990, 182.228



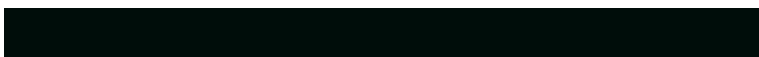
61, 4.646, 230.235



32, 3.432, 182.515



52, 39.632, 171.278



3, 3.779, 182.235

Inverse Universe

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



59, 6.179, 4.071



74, 9.424, 4.329



60, 4.900, 48.860



30, 3.557, 4.010



29, 58.887, 28.098



1, 3.753, 3.493

Previews

White Background



This preview shows how the CIELCh color 62, 5.949, 182.469 looks on a white background.

Color Contrast Check

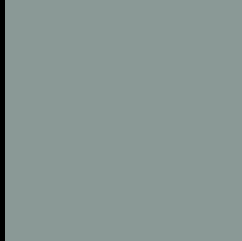
Large Text (above 18pt) WCAG AA × Fail

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, 5.949, 182.469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

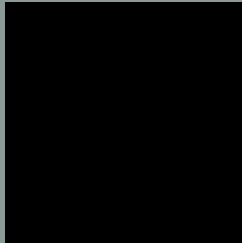
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

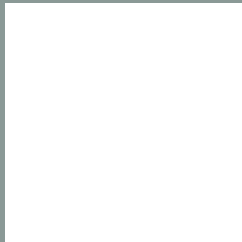
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 5.949, 182.469

Background



This preview shows how black text looks on a background with the CIELCh color 62, 5.949, 182.469.

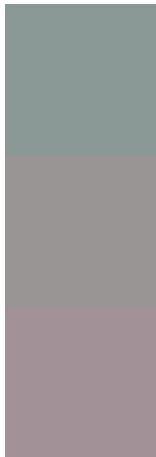


This preview shows how white text looks on a background with the CIELCh color 62, 5.949, 182.469.

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, 5.949, 182.469

Protanopia

62, 1.645, 39.141

Deuteranopia

62, 8.046, 351.056



Tritanopia
62, 7.761, 259.671

Trichromacy



Original Color
62, 5.949, 182.469

Protanomaly
62, 0.954, 163.889

Deuteranomaly
62, 2.883, 343.845

Tritanomaly
62, 5.814, 234.578

Monochromacy



Original Color
62, 5.949, 182.469

Achromatopsia
61, 0.008, 296.813

Achromatomaly
62, 2.371, 185.669

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 5.949, 182.469 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(138, 153, 150)` looks like.

```
.text, #text, p{  
    color:rgb(138, 153, 150)  
}
```

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(138, 153, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 153, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 5.949, 182.469 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(138, 153, 150) }
```

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

```
.border{ border-color:rgb(138, 153, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 153, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 153, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 153, 150);  
box-shadow:4px 4px 4px 4px rgb(138, 153,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 5.949, 182.469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 153, 150) }
```

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

```
.background{ background-color: rgb(138,  
153, 150) }
```

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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