

Converting Colors

CIELCh(61, 23.140, 108.993)

Have a look what the booklet for
CIELCh(61, 23.140, 108.993)
contains.

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Color

CIELCh(61, 23.318, 108.579)

Conversions

Conversions Part 1

Format	Color
Hex	95966C
RGB	149, 150, 108
RGB Percent	58%, 59%, 42%
CMY	0.4160, 0.4121, 0.5768
CMYK	0.01, 0.00, 0.28, 0.41
HSL	61°, 17%, 51%
HSV	61°, 28%, 59%
XYZ	25.9741, 29.2481, 18.4414
YIQ	144.9130, 12.8860, -13.2740

Conversions

Conversions Part 2

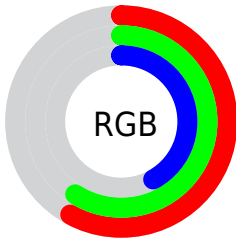
Format	Color
R_{YB}	108, 150, 109
Decimal	9803372
CIE _{Lab}	61.00, -7.43, 22.10
CIE _{LCh}	61, 23.318, 108.579
Yxy	29.2481, 0.3526, 0.3971
Android (android.graphics.Color)	4287993452 (0xFF95966C)
YUV	144.9130, -18.1981, 3.5843
Hunter-Lab	54.0815, -8.9133, 17.6397

Details

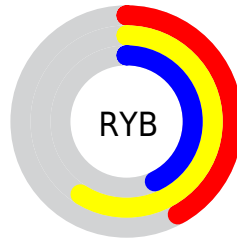
The CIELCh color $61, 23.318, 108.579$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $47, 24.894, 294.260$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 23.143, 108.098$, and $41, 23.150, 107.793$ is the 20% darker color. If you saturate the color by 10%, you get $61, 31.395, 107.691$, and if you desaturate by 10%, it is $61, 15.067, 109.490$.

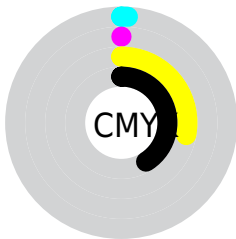
Distribution



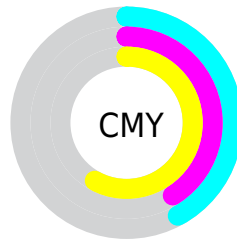
- Red (58%)
- Green (59%)
- Blue (42%)



- Red (42%)
- Yellow (59%)
- Blue (43%)



- Cyan (1%)
- Magenta (0%)
- Yellow (28%)
- Black (41%)





- Cyan (42%)
- Magenta (41%)
- Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 23.318, 108.579 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 61, 23.318, 108.579 by changing the saturation by 10% instead.


 61, 23.318,
108.579


 61, 23.318,
108.579


 100, 23.318,
108.579


 51, 23.318,
108.579


 81, 23.318,
108.579

 41, 23.318,
108.579

 91, 23.318,
108.579

 31, 23.318,
108.579

 21, 23.318,
108.579

 11, 23.318,
108.579

 1, 23.318, 108.579

 0, 23.318, 108.579

■ 61, 23.318,
108.579

■ 61, 23.318,
108.579

■ 61, 31.395,
107.691

■ 61, 15.067,
109.490

■ 60, 39.170,
106.839

■ 62, 6.717, 110.395

■ 60, 46.459,
106.054

■ 62, 1.677, 291.323

■ 60, 52.993,
105.373

■ 63, 10.079,
292.173

■ 60, 58.418,
104.839

■ 63, 18.467,
293.013

■ 60, 62.361,
104.494

■ 64, 26.822,
293.819

■ 60, 64.792,
104.337

■ 64, 35.131,
294.588

■ 60, 65.240,

■ 65, 43.385,
295.317

104.310

■ 66, 51.573,
296.004

Harmonies

Complementary

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



61, 23.318, 108.579



47, 24.894, 294.260

Rectangle

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



61, 23.318, 108.579



61, 23.318, 158.579



61, 23.318, 288.579



61, 23.318, 338.579

Sweetspot

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



61, 23.319, 108.583



78, 8.267, 110.382



50, 17.725, 22.835



41, 5.857, 110.257



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



61, 23.319, 108.583



77, 34.723, 107.986



59, 25.116, 128.396



31, 4.682, 110.289



55, 61.320, 104.299



3, 4.114, 111.118

Inverse Universe

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



47, 24.894, 294.260



56, 37.765, 295.230



49, 26.048, 310.939



28, 4.782, 292.006



15, 84.489, 306.388



0, 4.115, 291.119

Previews

White Background



This preview shows how the CIELCh color 61, 23.318, 108.579 looks on a white background.

Color Contrast Check

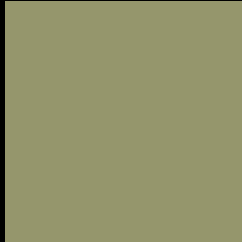
Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 23.318, 108.579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

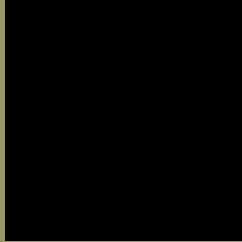
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 23.318, 108.579

Background



This preview shows how black text looks on a background with the CIELCh color 61, 23.318, 108.579.



This preview shows how white text looks on a background with the CIELCh color 61, 23.318, 108.579.

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


61, 23.318, 108.579

Protanopia

61, 22.801, 95.693

Deuteranopia

61, 22.722, 69.283



Tritanopia
61, 7.529, 324.793

Trichromacy



Original Color
61, 23.318, 108.579

Protanomaly
61, 23.013, 100.109

Deuteranomaly
61, 21.662, 83.274

Tritanomaly
61, 5.271, 77.696

Monochromacy



Original Color
61, 23.318, 108.579

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 8.426, 111.947

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 23.318, 108.579 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(149, 150, 108)` looks like.

```
.text, #text, p{  
    color:rgb(149, 150, 108)  
}
```

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(149, 150, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 150, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 23.318, 108.579 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(149, 150, 108) }
```

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

```
.border{ border-color:rgb(149, 150, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 150, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 150, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 150, 108);  
box-shadow:4px 4px 4px 4px rgb(149, 150,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 23.318, 108.579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 150, 108) }
```

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

```
.background{ background-color: rgb(149,  
150, 108) }
```

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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