

Converting Colors

CIELCh(61, 8.675, 311.150)

Have a look what the booklet for
CIELCh(61, 8.675, 311.150) contains.

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Color

CIELCh(61, 9.021, 310.614)

Conversions

Conversions Part 1

Format	Color
Hex	98909F
RGB	152, 144, 159
RGB Percent	60%, 56%, 62%
CMY	0.4028, 0.4342, 0.3753
CMYK	0.04, 0.09, 0.00, 0.38
HSL	272°, 7%, 60%
HSV	272°, 9%, 62%
XYZ	29.3013, 29.2481, 37.0329
YIQ	148.1020, -0.0470, 6.3610

Conversions

Conversions Part 2

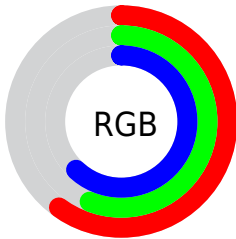
Format	Color
R _Y B	152, 144, 159
Decimal	9998495
CIE Lab	61.00, 5.87, -6.85
CIE LCh	61, 9.021, 310.614
Yxy	29.2481, 0.3066, 0.3060
Android (android.graphics.Color)	4288188575 (0xFF98909F)
YUV	148.1020, 5.3727, 3.4185
Hunter-Lab	54.0815, 2.0684, -2.7424

Details

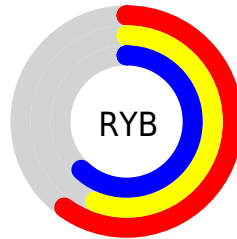
The CIELCh color $61, 9.021, 310.614$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $65, 8.907, 129.837$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 9.020, 309.386$, and $41, 9.003, 309.614$ is the 20% darker color. If you saturate the color by 10%, you get $56, 18.837, 311.077$, and if you desaturate by 10%, it is $66, 0.540, 130.402$.

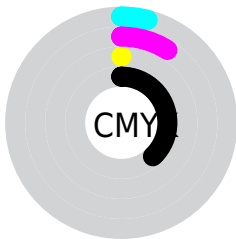
Distribution



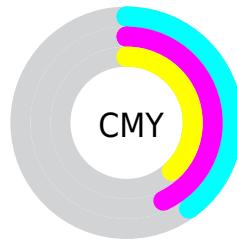
- Red (60%)
- Green (56%)
- Blue (62%)



- Red (60%)
- Yellow (56%)
- Blue (62%)



- Cyan (4%)
- Magenta (9%)
- Yellow (0%)
- Black (38%)



- Cyan (40%)
- Magenta (43%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 9.021, 310.614 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, 9.021, 310.614 by changing the saturation by 10% instead.

■ 61, 9.021, 310.614

■ 61, 9.021, 310.614

■ 100, 9.021,
310.614

■ 51, 9.021, 310.614

■ 81, 9.021, 310.614

■ 41, 9.021, 310.614

■ 91, 9.021, 310.614

■ 31, 9.021, 310.614

■ 21, 9.021, 310.614

■ 11, 9.021, 310.614

■ 1, 9.021, 310.614

■ 0, 9.021, 310.614

■ 61, 9.021, 310.614

■ 61, 9.021, 310.614

■ 56, 18.837,

■ 66, 0.540, 130.402

311.077

71, 9.823, 129.827

51, 28.872,
311.567

76, 18.827,
129.477

47, 39.038,
312.069

81, 27.556,
129.169

42, 49.187,
312.558

85, 36.020,
128.899

38, 59.067,
312.994

90, 44.233,
128.661

34, 68.288,
313.317

95, 51.763,
128.331

30, 76.306,
313.444

95, 50.735,
125.536

27, 82.482,
313.274

96, 49.830,
122.576

25, 86.802,
312.830

Harmonies

Complementary

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



61, 9.021, 310.614



65, 8.907, 129.837

Rectangle

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



61, 9.021, 310.614



61, 9.021, 0.614



61, 9.021, 130.614



61, 9.021, 180.614

Sweetspot

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



61, 9.019, 310.612



81, 3.524, 310.312



62, 5.070, 258.472



43, 2.694, 310.353



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



61, 9.019, 310.612



76, 13.046, 310.693



62, 10.117, 325.374



31, 5.380, 310.604



22, 80.289, 312.914



1, 6.916, 309.269

Inverse Universe

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



61, 7.052, 346.229



77, 10.200, 346.396



64, 10.101, 144.364



31, 4.207, 346.212



30, 54.883, 4.148



1, 5.352, 346.858

Previews

White Background



This preview shows how the CIELCh color 61, 9.021, 310.614 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 CIE LCh color 61, 9.021, 310.614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

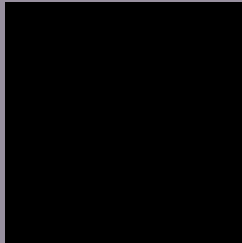
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

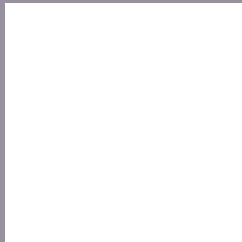
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 9.021, 310.614

Background



This preview shows how black text looks on a background with the CIELCh color 61, 9.021, 310.614.



This preview shows how white text looks on a background with the CIELCh color 61, 9.021, 310.614.

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, 9.021, 310.614

Protanopia

61, 7.890, 291.061

Deuteranopia

61, 10.820, 318.178



Tritanopia
61, 6.779, 313.949

Trichromacy



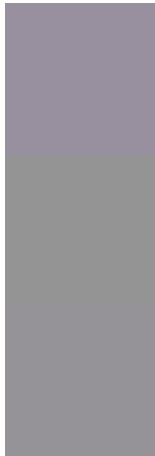
Original Color
61, 9.021, 310.614

Protanomaly
61, 8.552, 298.646

Deuteranomaly
61, 10.652, 316.341

Tritanomaly
61, 7.298, 312.222

Monochromacy



Original Color
61, 9.021, 310.614

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 3.058, 312.575

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 9.021, 310.614 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(152, 144, 159)` looks like.

```
.text, #text, p{  
    color:rgb(152, 144, 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(152, 144, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 144, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 9.021, 310.614 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(152, 144, 159) }
```

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

```
.border{ border-color:rgb(152, 144, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 144, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 144, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 144, 159);  
box-shadow:4px 4px 4px 4px rgb(152, 144,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 9.021, 310.614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 144, 159) }
```

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

```
.background{ background-color: rgb(152,  
144, 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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