

Converting Colors

CIELCh(61, 8.235, 68.194)

Have a look what the booklet for
CIELCh(61, 8.235, 68.194) contains.

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Color

CIELCh(61, 8.111, 69.014)

Conversions

Conversions Part 1

Format	Color
Hex	9E9186
RGB	158, 145, 134
RGB Percent	62%, 57%, 53%
CMY	0.3803, 0.4313, 0.4744
CMYK	0.00, 0.08, 0.15, 0.38
HSL	28°, 11%, 57%
HSV	28°, 15%, 62%
XYZ	28.5358, 29.2481, 26.7014
YIQ	147.6330, 11.2790, -0.6650

Conversions

Conversions Part 2

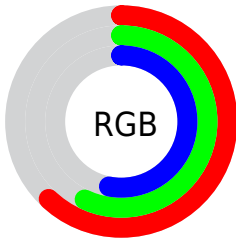
Format	Color
R _Y B	158, 154, 134
Decimal	10391942
CIE Lab	61.00, 2.90, 7.57
CIE LCh	61, 8.111, 69.014
Yxy	29.2481, 0.3378, 0.3462
Android (android.graphics.Color)	4288582022 (0xFF9E9186)
YUV	147.6330, -6.7211, 9.0919
Hunter-Lab	54.0815, -0.4582, 8.5842

Details

The CIELCh color $61, 8.111, 69.014$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $60, 7.732, 252.775$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 8.266, 69.674$, and $41, 8.262, 72.993$ is the 20% darker color. If you saturate the color by 10%, you get $58, 13.815, 67.904$, and if you desaturate by 10%, it is $64, 2.697, 70.082$.

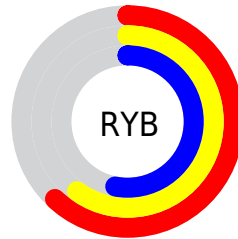
Distribution



Red (62%)

Green (57%)

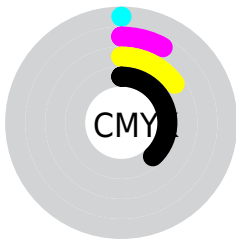
Blue (53%)



Red (62%)

Yellow (60%)

Blue (53%)

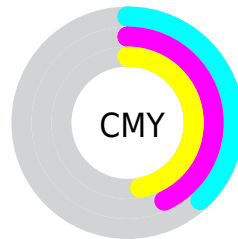


Cyan (0%)

Magenta (8%)

Yellow (15%)

Black (38%)



Cyan (38%)

Magenta (43%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 8.111, 69.014 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, 8.111, 69.014 by changing the saturation by 10% instead.

■ 61, 8.111, 69.014 ■ 61, 8.111, 69.014

■ 100, 8.111, 69.014 ■ 51, 8.111, 69.014

■ 81, 8.111, 69.014 ■ 41, 8.111, 69.014

■ 91, 8.111, 69.014 ■ 31, 8.111, 69.014

■ 21, 8.111, 69.014

■ 11, 8.111, 69.014

■ 1, 8.111, 69.014

■ 0, 8.111, 69.014

■ 61, 8.111, 69.014 ■ 61, 8.111, 69.014

■ 58, 13.815, 67.904 ■ 64, 2.697, 70.082

56, 19.827, 66.772

66, 2.452, 251.466

53, 26.153, 65.645

69, 7.364, 252.475

51, 32.767, 64.522

72, 12.066,
253.529

48, 39.584, 63.378

75, 16.581,
254.559

46, 46.399, 62.144

44, 52.789, 60.662

78, 20.932,
255.556

42, 58.056, 58.652

80, 25.138,
256.516

41, 60.546, 57.790

83, 27.062,
253.368

85, 25.534,
241.495

Harmonies

Complementary

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



61, 8.111, 69.014



60, 7.732, 252.775

Rectangle

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



61, 8.111, 69.014



61, 8.111, 119.014



61, 8.111, 249.014



61, 8.111, 299.014

Sweetspot

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



61, 8.111, 69.028



81, 3.232, 70.090



58, 12.016, 342.238



43, 2.227, 70.030



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, 8.111, 69.028



77, 12.056, 68.675



64, 12.630, 106.607



32, 2.974, 69.677



37, 56.101, 58.147



2, 3.768, 68.044

Inverse Universe

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



60, 7.732, 252.775



76, 11.364, 253.241



57, 13.021, 289.768



32, 2.895, 251.981



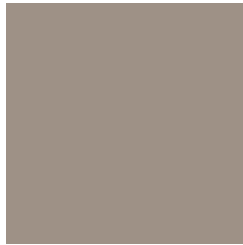
33, 42.297, 278.607



2, 3.885, 253.937

Previews

White Background



This preview shows how the CIELCh color 61, 8.111, 69.014 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, 8.111, 69.014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

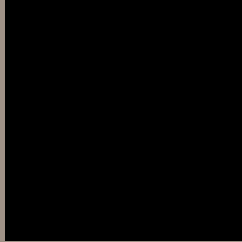
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

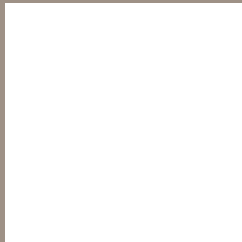
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 8.111, 69.014

Background



This preview shows how black text looks on a background with the CIELCh color 61, 8.111, 69.014.



This preview shows how white text looks on a background with the CIELCh color 61, 8.111, 69.014.

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, 8.111, 69.014

Protanopia

61, 7.133, 89.669

Deuteranopia

61, 10.551, 41.966



Tritanopia
61, 9.640, 340.498

Trichromacy



Original Color
61, 8.111, 69.014

Protanomaly
61, 7.145, 79.005

Deuteranomaly
61, 9.292, 48.790

Tritanomaly
61, 6.907, 5.966

Monochromacy



Original Color
61, 8.111, 69.014

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 2.967, 68.411

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 8.111, 69.014 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(158, 145, 134)` looks like.

```
.text, #text, p{  
    color:rgb(158, 145, 134)  
}
```

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(158, 145, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 145, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 8.111, 69.014 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(158, 145, 134) }
```

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

```
.border{ border-color:rgb(158, 145, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 145, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 145, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 145, 134);  
box-shadow:4px 4px 4px 4px rgb(158, 145,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 8.111, 69.014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 145, 134) }
```

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

```
.background{ background-color: rgb(158,  
145, 134) }
```

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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