

Converting Colors

CIELCh(61, 5.780, 38.565)

Have a look what the booklet for
CIELCh(61, 5.780, 38.565) contains.

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Color

CIELCh(61, 5.814, 36.630)

Conversions

Conversions Part 1

Format	Color
Hex	9E908D
RGB	158, 144, 141
RGB Percent	62%, 56%, 55%
CMY	0.3794, 0.4343, 0.4461
CMYK	0.00, 0.09, 0.11, 0.38
HSL	11°, 8%, 59%
HSV	11°, 11%, 62%
XYZ	28.9884, 29.2481, 29.4145
YIQ	147.8440, 9.3070, 2.0350

Conversions

Conversions Part 2

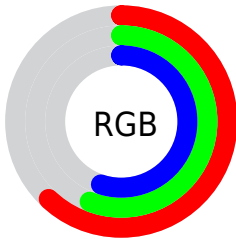
Format	Color
R_{YB}	158, 145, 141
Decimal	10391693
CIE Lab	61.00, 4.67, 3.47
CIE LCh	61, 5.814, 36.630
Yxy	29.2481, 0.3307, 0.3337
Android (android.graphics.Color)	4288581773 (0xFF9E908D)
YUV	147.8440, -3.3741, 8.9068
Hunter-Lab	54.0815, 1.0357, 5.6097

Details

The CIELCh color $61, 5.814, 36.630$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $63, 5.436, 217.077$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 5.811, 35.556$, and $41, 5.917, 37.829$ is the 20% darker color. If you saturate the color by 10%, you get $57, 11.690, 36.724$, and if you desaturate by 10%, it is $65, 0.386, 35.605$.

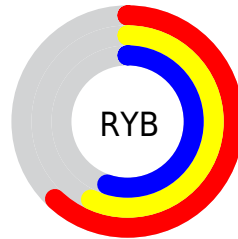
Distribution



Red (62%)

Green (56%)

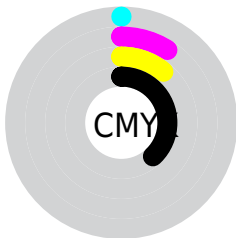
Blue (55%)



Red (62%)

Yellow (57%)

Blue (55%)

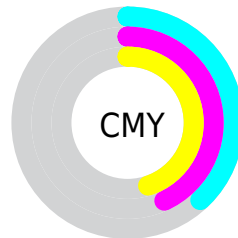


Cyan (0%)

Magenta (9%)

Yellow (11%)

Black (38%)



Cyan (38%)

Magenta (43%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 5.814, 36.630 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, 5.814, 36.630 by changing the saturation by 10% instead.

61, 5.814, 36.630

61, 5.814, 36.630

100, 5.814, 36.630

51, 5.814, 36.630

81, 5.814, 36.630

41, 5.814, 36.630

91, 5.814, 36.630

31, 5.814, 36.630

21, 5.814, 36.630

11, 5.814, 36.630

1, 5.814, 36.630

0, 5.814, 36.630

61, 5.814, 36.630

61, 5.814, 36.630

57, 11.690, 36.724

65, 0.386, 35.605

53, 18.053, 36.912

69, 4.633, 217.048

50, 24.919, 37.271

73, 9.287, 217.206

46, 32.283, 37.845

77, 13.617,
217.441

43, 40.089, 38.669

81, 17.664,
217.713

40, 48.201, 39.745

38, 56.325, 40.983

85, 21.462,
218.007

36, 63.813, 42.069

89, 25.041,
218.315

34, 69.766, 43.005

93, 27.873,
204.699

94, 29.837,
197.580

Harmonies

Complementary

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



61, 5.814, 36.630



63, 5.436, 217.077

Rectangle

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



61, 5.814, 36.630



61, 5.814, 86.630



61, 5.814, 216.630



61, 5.814, 266.630

Sweetspot

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



61, 5.813, 36.648



81, 1.954, 36.487



61, 10.355, 330.004



43, 1.498, 36.539



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, 5.813, 36.648



77, 8.826, 36.662



63, 6.689, 89.789



31, 3.038, 36.640



31, 64.196, 42.899



1, 3.865, 35.777

Inverse Universe

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



63, 5.436, 217.077



80, 8.117, 217.126



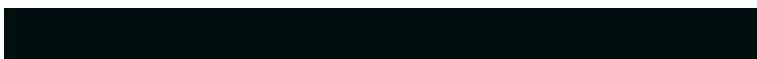
61, 6.684, 272.540



33, 2.869, 217.055



45, 28.292, 229.673



3, 3.777, 220.317

Previews

White Background



This preview shows how the CIELCh color 61, 5.814, 36.630 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, 5.814, 36.630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

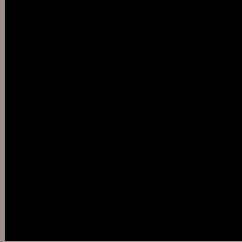
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

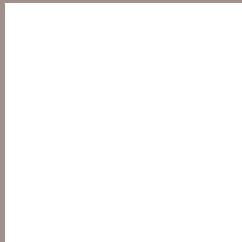
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 5.814, 36.630

Background



This preview shows how black text looks on a background with the CIELCh color 61, 5.814, 36.630.



This preview shows how white text looks on a background with the CIELCh color 61, 5.814, 36.630.

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, 5.814, 36.630

Protanopia

61, 2.723, 74.685

Deuteranopia

61, 8.782, 20.230



Tritanopia
61, 9.720, 336.417

Trichromacy



Original Color
61, 5.814, 36.630

Protanomaly
61, 3.863, 54.994

Deuteranomaly
61, 7.591, 24.308

Tritanomaly
61, 7.116, 351.837

Monochromacy



Original Color
61, 5.814, 36.630

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 2.023, 35.443

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 5.814, 36.630 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, 144, 141)` looks like.

```
.text, #text, p{  
    color:rgb(158, 144, 141)  
}
```

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, 144, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 144, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 5.814, 36.630 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, 144, 141) }
```

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

```
.border{ border-color:rgb(158, 144, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 144, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 144, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 144, 141);  
box-shadow:4px 4px 4px 4px rgb(158, 144,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 5.814, 36.630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 144, 141) }
```

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

```
.background{ background-color: rgb(158,  
144, 141) }
```

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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