

Converting Colors

CIELCh(61, 13.940, 289.803)

Have a look what the booklet for
CIELCh(61, 13.940, 289.803)
contains.

CIELCh(61, 14.094, 290.276)	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(61, 14.094, 290.276)

Conversions

Conversions Part 1

Format	Color
Hex	9091AA
RGB	144, 145, 170
RGB Percent	56%, 57%, 67%
CMY	0.4338, 0.4299, 0.3318
CMYK	0.15, 0.15, 0.00, 0.33
HSL	238°, 13%, 62%
HSV	238°, 15%, 67%
XYZ	29.0449, 29.2481, 42.3393
YIQ	147.5510, -8.6210, 7.5630

Conversions

Conversions Part 2

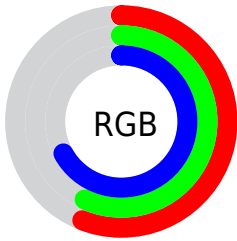
Format	Color
RYB	144, 145, 170
Decimal	9474474
CIELab	61.00, 4.88, -13.22
CIELCh	61, 14.094, 290.276
Yxy	29.2481, 0.2886, 0.2906
Android (android.graphics.Color)	4287664554 (0xFF9091AA)
YUV	147.5510, 11.0674, -3.1142
Hunter-Lab	54.0815, 1.2221, -8.5598

Details

The CIELCh color $61, 14.094, 290.276$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $69, 13.654, 107.104$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 13.831, 289.968$, and $41, 13.982, 289.164$ is the 20% darker color. If you saturate the color by 10%, you get $55, 23.786, 291.606$, and if you desaturate by 10%, it is $67, 4.773, 289.146$.

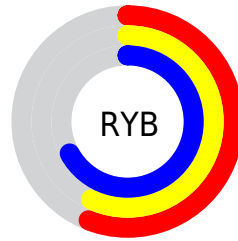
Distribution



Red (56%)

Green (57%)

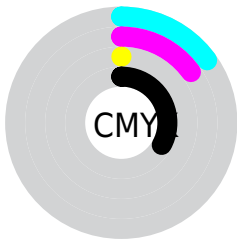
Blue (67%)



Red (56%)

Yellow (57%)

Blue (67%)

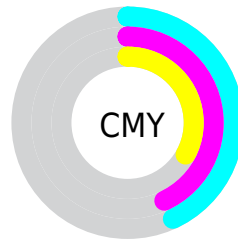


Cyan (15%)

Magenta (15%)

Yellow (0%)

Black (33%)



Cyan (43%)

Magenta (43%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 14.094, 290.276 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, 14.094, 290.276 by changing the saturation by 10% instead.

■ 61, 14.094,
290.276

■ 61, 14.094,
290.276

■ 100, 14.094,
290.276

■ 51, 14.094,
290.276

■ 81, 14.094,
290.276

■ 41, 14.094,
290.276

■ 91, 14.094,
290.276

■ 31, 14.094,
290.276

■ 21, 14.094,
290.276

■ 11, 14.094,
290.276

■ 1, 14.094, 290.276

■ 0, 14.094, 290.276

61, 14.094,
290.276

61, 14.094,
290.276

55, 23.786,
291.606

67, 4.773, 289.146

49, 33.882,
293.169

72, 4.200, 108.146

44, 44.397,
294.983

78, 12.854,
107.330

38, 55.306,
297.046

84, 21.210,
106.622

33, 66.459,
299.304

89, 29.289,
106.011

28, 77.434,
301.614

95, 37.108,
105.481

24, 87.319,
303.725

98, 42.343,
106.944

21, 94.706,

305.311

■ 20, 97.111,
305.778

Harmonies

Complementary

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



61, 14.094, 290.276



69, 13.654, 107.104

Rectangle

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



61, 14.094, 290.276



61, 14.094, 340.276



61, 14.094, 110.276



61, 14.094, 160.276

Sweetspot

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



61, 14.093, 290.273



85, 5.618, 289.129



68, 9.503, 194.300



45, 3.868, 289.199



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



61, 14.093, 290.273



76, 20.720, 290.658



62, 15.319, 308.029



33, 5.115, 289.574



17, 87.218, 305.683



1, 9.242, 288.830

Inverse Universe

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



62, 10.372, 17.324



77, 15.329, 17.615



68, 14.973, 126.603



33, 3.725, 16.792



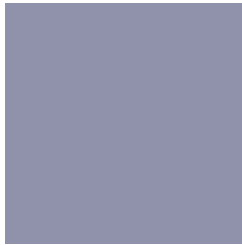
30, 67.661, 37.813



1, 6.584, 16.652

Previews

White Background



This preview shows how the CIELCh color 61, 14.094, 290.276 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, 14.094, 290.276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

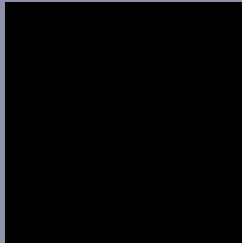
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 14.094, 290.276

Background



This preview shows how black text looks on a background with the CIELCh color 61, 14.094, 290.276.



This preview shows how white text looks on a background with the CIELCh color 61, 14.094, 290.276.

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, 14.094, 290.276

Protanopia

61, 14.100, 287.358

Deuteranopia

61, 15.419, 299.959



Tritanopia
61, 6.973, 275.507

Trichromacy



Original Color
61, 14.094, 290.276

Protanomaly
61, 14.084, 288.808

Deuteranomaly
61, 14.713, 296.017

Tritanomaly
61, 9.623, 284.674

Monochromacy



Original Color
61, 14.094, 290.276

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 5.069, 290.751

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 14.094, 290.276 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(144, 145, 170)` looks like.

```
.text, #text, p{  
    color:rgb(144, 145, 170)  
}
```

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(144, 145, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 145, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 14.094, 290.276 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(144, 145, 170) }
```

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

```
.border{ border-color:rgb(144, 145, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 145, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 145, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 145, 170);  
box-shadow:4px 4px 4px 4px rgb(144, 145,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 14.094, 290.276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 145, 170) }
```

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

```
.background{ background-color: rgb(144,  
145, 170) }
```

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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