

Converting Colors

CIELCh(61, 15.572, 90.507)

Have a look what the booklet for
CIELCh(61, 15.572, 90.507) contains.

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Color

CIELCh(61, 15.410, 89.525)

Conversions

Conversions Part 1

Format	Color
Hex	9E9278
RGB	158, 146, 120
RGB Percent	62%, 57%, 47%
CMY	0.3798, 0.4268, 0.5288
CMYK	0.00, 0.08, 0.24, 0.38
HSL	41°, 16%, 55%
HSV	41°, 24%, 62%
XYZ	27.8316, 29.2481, 21.9943
YIQ	146.6240, 15.4980, -5.5420

Conversions

Conversions Part 2

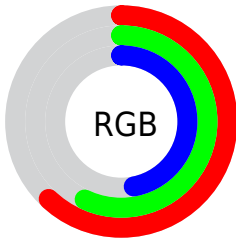
Format	Color
RYB	138, 158, 120
Decimal	10392184
CIELab	61.00, 0.13, 15.41
CIElCh	61, 15.410, 89.525
Yxy	29.2481, 0.3520, 0.3699
Android (android.graphics.Color)	4288582264 (0xFF9E9278)
YUV	146.6240, -13.1256, 9.9768
Hunter-Lab	54.0815, -2.7826, 13.7446

Details

The CIELCh color $61, 15.410, 89.525$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $55, 15.406, 275.925$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 15.647, 89.980$, and $41, 15.765, 90.848$ is the 20% darker color. If you saturate the color by 10%, you get $59, 22.007, 88.235$, and if you desaturate by 10%, it is $63, 8.913, 90.786$.

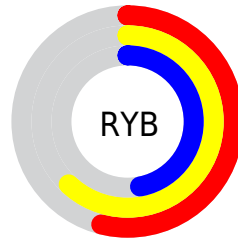
Distribution



Red (62%)

Green (57%)

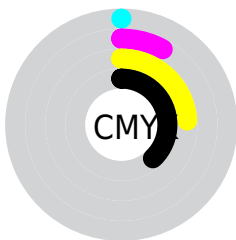
Blue (47%)



Red (54%)

Yellow (62%)

Blue (47%)

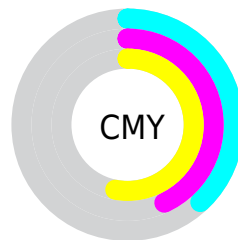


Cyan (0%)

Magenta (8%)

Yellow (24%)

Black (38%)



Cyan (38%)

Magenta (43%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 15.410, 89.525 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, 15.410, 89.525 by changing the saturation by 10% instead.

61, 15.410, 89.525

61, 15.410, 89.525

100, 15.410,
89.525

51, 15.410, 89.525

81, 15.410, 89.525

41, 15.410, 89.525

91, 15.410, 89.525

31, 15.410, 89.525

21, 15.410, 89.525

11, 15.410, 89.525

1, 15.410, 89.525

0, 15.410, 89.525

61, 15.410, 89.525

61, 15.410, 89.525

59, 22.007, 88.235

63, 8.913, 90.786

■ 58, 28.658, 86.899

■ 64, 2.531, 91.952

■ 56, 35.282, 85.522

■ 66, 3.731, 273.255

■ 55, 41.716, 84.091

■ 68, 9.875, 274.351

■ 53, 47.675, 82.568

■ 70, 15.908,
275.421

■ 52, 52.698, 80.878

■ 72, 21.837,
276.444

■ 50, 56.176, 78.888

■ 74, 27.669,
277.418

■ 50, 57.867, 77.653

■ 76, 33.412,
278.342

■ 77, 35.279,
276.967

Harmonies

Complementary

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



61, 15.410, 89.525



55, 15.406, 275.925

Rectangle

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



61, 15.410, 89.525



61, 15.410, 139.525



61, 15.410, 269.525



61, 15.410, 319.525

Sweetspot

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



61, 15.411, 89.532



81, 5.486, 91.611



54, 16.792, 357.256



43, 3.596, 91.548



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, 15.411, 89.532



77, 23.225, 88.819



64, 21.160, 115.693



33, 3.573, 91.364



45, 53.719, 77.908



3, 4.485, 89.701

Inverse Universe

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



55, 15.406, 275.925



68, 23.220, 276.900



52, 22.285, 299.276



31, 3.579, 273.707



23, 63.895, 296.806



1, 4.733, 273.742

Previews

White Background



This preview shows how the CIELCh color 61, 15.410, 89.525 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, 15.410, 89.525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

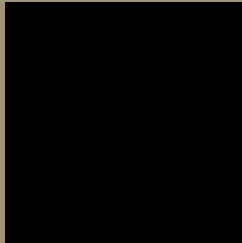
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

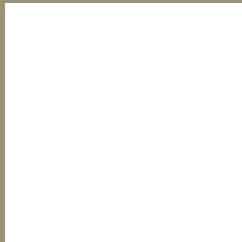
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 15.410, 89.525

Background



This preview shows how black text looks on a background with the CIELCh color 61, 15.410, 89.525.



This preview shows how white text looks on a background with the CIELCh color 61, 15.410, 89.525.

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, 15.410, 89.525

Protanopia

61, 15.021, 94.088

Deuteranopia

61, 17.116, 63.212



Tritanopia
61, 9.941, 341.994

Trichromacy



Original Color
61, 15.410, 89.525

Protanomaly
61, 15.133, 92.550

Deuteranomaly
61, 15.940, 73.266

Tritanomaly
61, 6.989, 33.855

Monochromacy



Original Color
61, 15.410, 89.525

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 5.818, 93.628

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 15.410, 89.525 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, 146, 120)` looks like.

```
.text, #text, p{  
    color:rgb(158, 146, 120)  
}
```

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, 146, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 146, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 15.410, 89.525 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, 146, 120) }
```

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

```
.border{ border-color:rgb(158, 146, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 146, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 146, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 146, 120);  
box-shadow:4px 4px 4px 4px rgb(158, 146,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 15.410, 89.525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 146, 120) }
```

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

```
.background{ background-color: rgb(158,  
146, 120) }
```

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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