

Converting Colors

CIELCh(60, 14.030, 97.158)

Have a look what the booklet for
CIELCh(60, 14.030, 97.158) contains.

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Color

CIELCh(60, 14.241, 98.488)

Conversions

Conversions Part 1

Format	Color
Hex	979178
RGB	151, 145, 120
RGB Percent	59%, 57%, 47%
CMY	0.4084, 0.4319, 0.5300
CMYK	0.00, 0.04, 0.21, 0.41
HSL	48°, 13%, 53%
HSV	48°, 21%, 59%
XYZ	26.2191, 28.1233, 21.7703
YIQ	143.9440, 11.6010, -6.5030

Conversions

Conversions Part 2

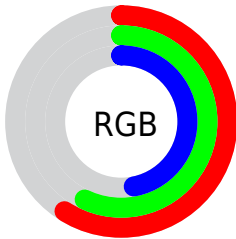
Format	Color
R_YB	127, 151, 120
Decimal	9933176
CIE Lab	60.00, -2.10, 14.09
CIE LCh	60, 14.241, 98.488
Yxy	28.1233, 0.3445, 0.3695
Android (android.graphics.Color)	4288123256 (0xFF979178)
YUV	143.9440, -11.8044, 6.1881
Hunter-Lab	53.0314, -4.5533, 12.7824

Details

The CIELCh color $60, 14.241, 98.488$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $53, 14.576, 283.397$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 14.480, 99.655$, and $40, 14.664, 98.932$ is the 20% darker color. If you saturate the color by 10%, you get $59, 21.213, 97.336$, and if you desaturate by 10%, it is $61, 7.284, 99.620$.

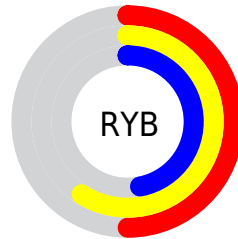
Distribution



Red (59%)

Green (57%)

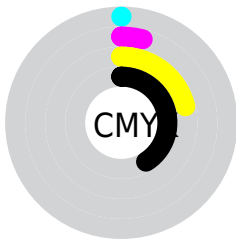
Blue (47%)



Red (50%)

Yellow (59%)

Blue (47%)

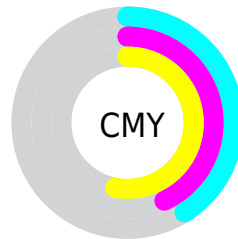


Cyan (0%)

Magenta (4%)

Yellow (21%)

Black (41%)



Cyan (41%)

Magenta (43%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 14.241, 98.488 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 60, 14.241, 98.488 by changing the saturation by 10% instead.

60, 14.241, 98.488

60, 14.241, 98.488

100, 14.241,
98.488

50, 14.241, 98.488

80, 14.241, 98.488

40, 14.241, 98.488

90, 14.241, 98.488

30, 14.241, 98.488

20, 14.241, 98.488

10, 14.241, 98.488

0, 14.241, 98.488

60, 14.241, 98.488

60, 14.241, 98.488

59, 21.213, 97.336

61, 7.284, 99.620

58, 28.143, 96.154

62, 0.368, 100.398

■ 57, 34.935, 94.958

■ 64, 6.489, 281.817

■ 56, 41.429, 93.751

■ 65, 13.280,
282.825

■ 55, 47.362, 92.532

■ 66, 20.001,
283.794

■ 54, 52.338, 91.289

■ 53, 55.860, 89.987

■ 67, 26.652,
284.719

■ 52, 58.013, 88.702

■ 69, 33.234,
285.598

■ 70, 39.747,
286.430

■ 72, 45.863,
287.122

Harmonies

Complementary

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



60, 14.241, 98.488



53, 14.576, 283.397

Rectangle

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



60, 14.241, 98.488



60, 14.241, 148.488



60, 14.241, 278.488



60, 14.241, 328.488

Sweetspot

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



60, 14.242, 98.495



78, 5.125, 100.099



53, 13.146, 5.268



42, 3.428, 100.037



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



60, 14.242, 98.495



76, 21.509, 97.924



61, 17.712, 120.647



32, 3.946, 99.764



49, 55.041, 88.806



3, 4.203, 99.980

Inverse Universe

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



53, 14.576, 283.397



65, 22.149, 284.152



52, 18.411, 303.078



30, 3.992, 281.881



19, 74.098, 302.068



1, 4.281, 280.988

Previews

White Background



This preview shows how the CIELCh color 60, 14.241, 98.488 looks on a white background.

Color Contrast Check

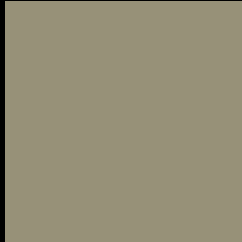
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 14.241, 98.488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

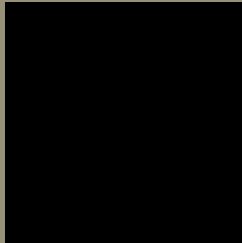
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

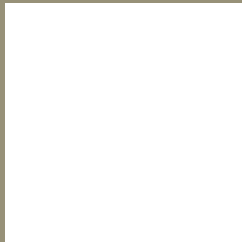
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 14.241, 98.488

Background



This preview shows how black text looks on a background with the CIELCh color 60, 14.241, 98.488.



This preview shows how white text looks on a background with the CIELCh color 60, 14.241, 98.488.

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

60, 14.241, 98.488

Protanopia

60, 13.992, 93.091

Deuteranopia

60, 15.657, 60.179



Tritanopia
60, 8.534, 333.565

Trichromacy



Original Color
60, 14.241, 98.488

Protanomaly
60, 13.884, 94.757

Deuteranomaly
60, 14.090, 72.395

Tritanomaly
60, 4.500, 34.187

Monochromacy



Original Color
60, 14.241, 98.488

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 5.121, 100.638

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 14.241, 98.488 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(151, 145, 120)` looks like.

```
.text, #text, p{  
    color:rgb(151, 145, 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(151, 145, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 145, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 14.241, 98.488 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(151, 145, 120) }
```

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

```
.border{ border-color:rgb(151, 145, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 145, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 145, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 145, 120);  
box-shadow:4px 4px 4px 4px rgb(151, 145,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 14.241, 98.488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 145, 120) }
```

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

```
.background{ background-color: rgb(151,  
145, 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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