

Converting Colors

CIELCh(60, 14.262, 106.619)

Have a look what the booklet for
CIELCh(60, 14.262, 106.619)
contains.

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Color

CIELCh(60, 14.018, 106.885)

Conversions

Conversions Part 1

Format	Color
Hex	939279
RGB	147, 146, 121
RGB Percent	58%, 57%, 47%
CMY	0.4237, 0.4276, 0.5256
CMYK	0.00, 0.01, 0.18, 0.42
HSL	58°, 11%, 53%
HSV	58°, 18%, 58%
XYZ	25.7460, 28.1233, 22.1474
YIQ	143.4490, 8.6210, -7.5630

Conversions

Conversions Part 2

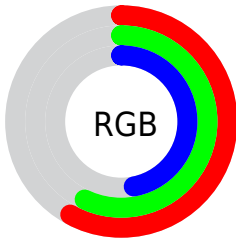
Format	Color
R_{YB}	122, 147, 121
Decimal	9671289
CIE _{Lab}	60.00, -4.07, 13.41
CIE _{LCh}	60, 14.018, 106.885
Yxy	28.1233, 0.3387, 0.3700
Android (android.graphics.Color)	4287861369 (0xFF939279)
YUV	143.4490, -11.0674, 3.1142
Hunter-Lab	53.0314, -6.1457, 12.3609

Details

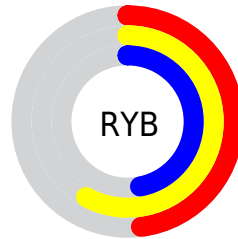
The CIELCh color $60, 14.018, 106.885$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $52, 14.538, 290.555$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 14.296, 107.339$, and $40, 14.462, 107.930$ is the 20% darker color. If you saturate the color by 10%, you get $60, 21.868, 105.911$, and if you desaturate by 10%, it is $61, 6.101, 107.860$.

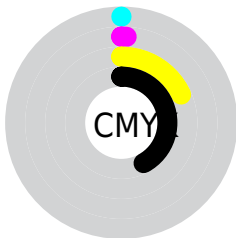
Distribution



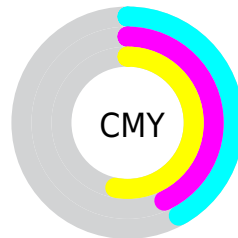
- Red (58%)
- Green (57%)
- Blue (47%)



- Red (48%)
- Yellow (58%)
- Blue (47%)



- Cyan (0%)
- Magenta (1%)
- Yellow (18%)
- Black (42%)





- Cyan (42%)
- Magenta (43%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 14.018, 106.885 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, 14.018, 106.885 by changing the saturation by 10% instead.

 60, 14.018,
106.885


 60, 14.018,
106.885


 100, 14.018,
106.885


 50, 14.018,
106.885


 80, 14.018,
106.885

 40, 14.018,
106.885


 90, 14.018,
106.885


 30, 14.018,
106.885

 20, 14.018,
106.885

 10, 14.018,
106.885

 0, 14.018, 106.885

 60, 14.018,

 60, 14.018,

106.885

60, 21.868,
105.911

59, 29.576,
104.939

59, 37.030,
103.992

58, 44.059,
103.093

58, 50.406,
102.271

58, 55.721,
101.554

58, 59.614,
100.972

57, 61.998,
100.523

106.885

61, 6.101, 107.860

61, 1.843, 288.862

62, 9.781, 289.766

62, 17.696,
290.662

63, 25.573,
291.523

64, 33.402,
292.346

64, 41.178,
293.126

65, 48.893,
293.865

66, 56.543,

■ 57, 62.508,
100.424

294.562

Harmonies

Complementary

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



60, 14.018, 106.885



52, 14.538, 290.555

Rectangle

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



60, 14.018, 106.885



60, 14.018, 156.885



60, 14.018, 286.885



60, 14.018, 336.885

Sweetspot

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



60, 14.019, 106.891



77, 4.915, 108.104



53, 10.740, 16.616



41, 3.380, 108.044



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



60, 14.019, 106.891



76, 20.609, 106.524



59, 15.379, 126.496



31, 4.505, 107.714



54, 59.625, 100.439



3, 3.955, 108.606

Inverse Universe

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



52, 14.538, 290.555



64, 21.549, 291.040



53, 15.785, 308.145



29, 4.594, 289.559



15, 82.642, 305.632



0, 3.956, 288.608

Previews

White Background



This preview shows how the CIELCh color 60, 14.018, 106.885 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, 14.018, 106.885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

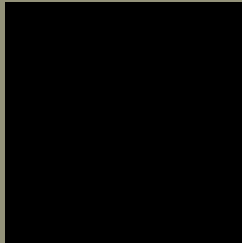
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 14.018, 106.885

Background



This preview shows how black text looks on a background with the CIELCh color 60, 14.018, 106.885.



This preview shows how white text looks on a background with the CIELCh color 60, 14.018, 106.885.

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, 14.018, 106.885

Protanopia

60, 13.992, 93.091

Deuteranopia

60, 14.934, 59.717



Tritanopia
60, 7.144, 319.641

Trichromacy



Original Color
60, 14.018, 106.885

Protanomaly
60, 14.241, 98.488

Deuteranomaly
60, 13.335, 76.758

Tritanomaly
60, 2.971, 41.761

Monochromacy



Original Color
60, 14.018, 106.885

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 5.067, 109.587

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 14.018, 106.885 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(147, 146, 121)` looks like.

```
.text, #text, p{  
    color:rgb(147, 146, 121)  
}
```

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(147, 146, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 146, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 14.018, 106.885 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(147, 146, 121) }
```

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

```
.border{ border-color:rgb(147, 146, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 146, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 146, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 146, 121);  
box-shadow:4px 4px 4px 4px rgb(147, 146,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 14.018, 106.885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 146, 121) }
```

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

```
.background{ background-color: rgb(147,  
146, 121) }
```

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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