

Converting Colors

CIELCh(60, 14.098, 101.494)

Have a look what the booklet for
CIELCh(60, 14.098, 101.494)
contains.

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Color

CIELCh(60, 14.120, 101.821)

Conversions

Conversions Part 1

Format	Color
Hex	959178
RGB	149, 145, 120
RGB Percent	58%, 57%, 47%
CMY	0.4145, 0.4302, 0.5283
CMYK	0.00, 0.03, 0.19, 0.41
HSL	52°, 12%, 53%
HSV	52°, 19%, 59%
XYZ	26.0285, 28.1233, 21.9183
YIQ	143.3460, 10.4090, -6.9270

Conversions

Conversions Part 2

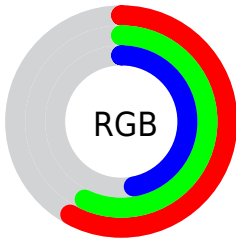
Format	Color
R_{YB}	125, 149, 120
Decimal	9802104
CIE _{Lab}	60.00, -2.89, 13.82
CIE _{LCh}	60, 14.120, 101.821
Yxy	28.1233, 0.3422, 0.3697
Android (android.graphics.Color)	4287992184 (0xFF959178)
YUV	143.3460, -11.5096, 4.9586
Hunter-Lab	53.0314, -5.1948, 12.6169

Details

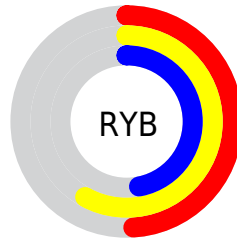
The CIELCh color $60, 14.120, 101.821$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $53, 14.542, 286.230$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 14.379, 102.710$, and $40, 14.547, 102.509$ is the 20% darker color. If you saturate the color by 10%, you get $59, 21.381, 100.736$, and if you desaturate by 10%, it is $61, 6.842, 102.893$.

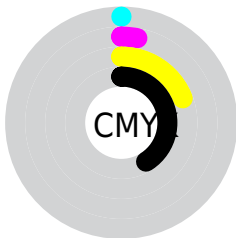
Distribution



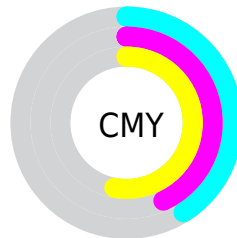
- Red (58%)
- Green (57%)
- Blue (47%)



- Red (49%)
- Yellow (58%)
- Blue (47%)



- Cyan (0%)
- Magenta (3%)
- Yellow (19%)
- Black (41%)





- Cyan (41%)
- Magenta (43%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 14.120, 101.821 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, 14.120, 101.821 by changing the saturation by 10% instead.


 60, 14.120,
101.821


 60, 14.120,
101.821


 100, 14.120,
101.821


 50, 14.120,
101.821


 80, 14.120,
101.821

 40, 14.120,
101.821

 90, 14.120,
101.821


 30, 14.120,
101.821

 20, 14.120,
101.821

 10, 14.120,
101.821

 0, 14.120, 101.821

 60, 14.120,

 60, 14.120,

101.821

101.821

■ 59, 21.381,
100.736

■ 61, 6.842, 102.893

■ 58, 28.560, 99.632

■ 62, 0.420, 284.191

■ 57, 35.558, 98.528

■ 63, 7.645, 284.976

■ 57, 42.209, 97.435

■ 64, 14.821,
285.942

■ 56, 48.251, 96.365

■ 65, 21.941,
286.869

■ 55, 53.307, 95.323

■ 66, 29.001,
287.754

■ 55, 56.920, 94.304

■ 54, 59.147, 93.296

■ 67, 35.999,
288.594

■ 54, 59.275, 93.240

■ 68, 42.935,
289.390

■ 70, 49.807,

Harmonies

Complementary

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



60, 14.120, 101.821



53, 14.542, 286.230

Rectangle

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



60, 14.120, 101.821



60, 14.120, 151.821



60, 14.120, 281.821



60, 14.120, 331.821

Sweetspot

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



60, 14.121, 101.827



78, 5.378, 103.234



53, 12.146, 8.954



41, 3.558, 103.177



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, 14.121, 101.827



76, 20.678, 101.390



60, 16.762, 122.657



31, 4.067, 102.918



50, 55.914, 93.318



2, 3.562, 103.891

Inverse Universe

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



53, 14.542, 286.230



65, 21.436, 286.806



52, 17.343, 304.761



29, 4.127, 284.924



17, 77.151, 303.672



0, 3.563, 283.894

Previews

White Background



This preview shows how the CIELCh color 60, 14.120, 101.821 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, 14.120, 101.821 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

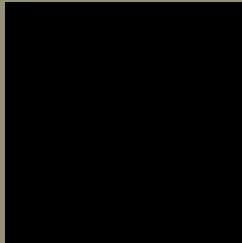
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

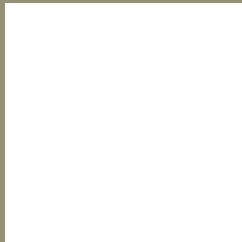
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 14.120, 101.821

Background



This preview shows how black text looks on a background with the CIELCh color 60, 14.120, 101.821.



This preview shows how white text looks on a background with the CIELCh color 60, 14.120, 101.821.

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, 14.120, 101.821

Protanopia

60, 13.992, 93.091

Deuteranopia

60, 15.269, 58.707



Tritanopia
60, 7.780, 327.180

Trichromacy



Original Color
60, 14.120, 101.821

Protanomaly
60, 13.884, 94.757

Deuteranomaly
60, 14.090, 72.395

Tritanomaly
60, 3.935, 44.978

Monochromacy



Original Color
60, 14.120, 101.821

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, 14.120, 101.821 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(149, 145, 120)` looks like.

```
.text, #text, p{  
    color:rgb(149, 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(149, 145, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 145, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 14.120, 101.821 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(149, 145, 120) }
```

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

```
.border{ border-color:rgb(149, 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(149, 145, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 145, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 145, 120);  
box-shadow:4px 4px 4px 4px rgb(149, 145,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 14.120, 101.821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 145, 120) }
```

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

```
.background{ background-color: rgb(149,  
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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