

Converting Colors

CIELCh(60, 14.344, 9.665)

Have a look what the booklet for
CIELCh(60, 14.344, 9.665) contains.

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Color

CIELCh(60, 14.324, 9.652)

Conversions

Conversions Part 1

Format	Color
Hex	AB888D
RGB	171, 136, 141
RGB Percent	67%, 53%, 55%
CMY	0.3300, 0.4673, 0.4477
CMYK	0.00, 0.20, 0.18, 0.33
HSL	351°, 17%, 60%
HSV	351°, 20%, 67%
XYZ	30.3383, 28.1233, 28.9685
YIQ	147.0350, 19.2550, 8.9750

Conversions

Conversions Part 2

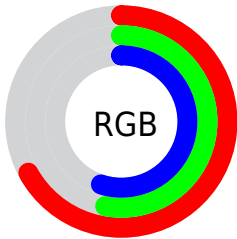
Format	Color
R _Y B	171, 136, 141
Decimal	11241613
CIE Lab	60.00, 14.12, 2.40
CIE LCh	60, 14.324, 9.652
Yxy	28.1233, 0.3470, 0.3217
Android (android.graphics.Color)	4289431693 (0xFFAB888D)
YUV	147.0350, -2.9753, 21.0173
Hunter-Lab	53.0314, 9.3116, 4.7348

Details

The CIELCh color $60, 14.324, 9.652$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $67, 13.011, 186.036$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 14.655, 8.099$, and $40, 14.261, 9.336$ is the 20% darker color. If you saturate the color by 10%, you get $55, 21.892, 10.948$, and if you desaturate by 10%, it is $65, 7.120, 8.570$.

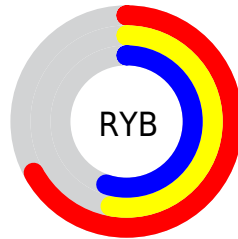
Distribution



Red (67%)

Green (53%)

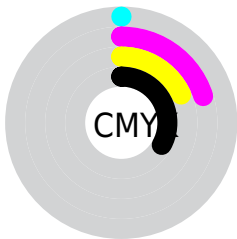
Blue (55%)



Red (67%)

Yellow (53%)

Blue (55%)

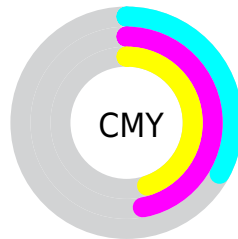


Cyan (0%)

Magenta (20%)

Yellow (18%)

Black (33%)



Cyan (33%)

Magenta (47%)


Yellow (45%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 14.324, 9.652 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, 14.324, 9.652 by changing the saturation by 10% instead.

 60, 14.324, 9.652  60, 14.324, 9.652

 100, 14.324, 9.652  50, 14.324, 9.652


 80, 14.324, 9.652  40, 14.324, 9.652

 90, 14.324, 9.652  30, 14.324, 9.652

 20, 14.324, 9.652

 10, 14.324, 9.652

 0, 14.324, 9.652

 60, 14.324, 9.652  60, 14.324, 9.652

 55, 21.892, 10.948  65, 7.120, 8.570

 51, 29.745, 12.531  70, 0.320, 6.288

47, 37.728, 14.508

75, 6.079, 187.072

43, 45.612, 17.007

80, 12.095,
186.381

40, 53.122, 20.162

85, 17.759,
185.797

38, 60.002, 24.068

36, 66.090, 28.666

90, 23.103,
185.285

35, 71.263, 33.095

95, 27.967,
185.222

95, 26.526,
197.782

Harmonies

Complementary

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



60, 14.324, 9.652



67, 13.011, 186.036

Rectangle

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



60, 14.324, 9.652



60, 14.324, 59.652



60, 14.324, 189.652



60, 14.324, 239.652

Sweetspot

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



60, 14.322, 9.658



85, 4.977, 8.115



60, 22.676, 321.210



45, 3.334, 8.183



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



60, 14.322, 9.658



74, 21.919, 10.267



63, 11.556, 56.048



33, 3.784, 8.446



30, 63.677, 32.451



1, 6.692, 9.295

Inverse Universe

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



60, 14.322, 9.658



74, 21.919, 10.267



64, 10.428, 239.970



33, 3.784, 8.446



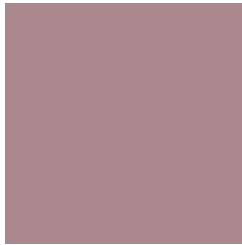
30, 63.677, 32.451



1, 6.692, 9.295

Previews

White Background



This preview shows how the CIELCh color 60, 14.324, 9.652 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, 14.324, 9.652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

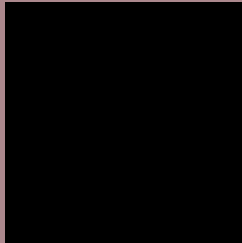
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 14.324, 9.652

Background



This preview shows how black text looks on a background with the CIELCh color 60, 14.324, 9.652.



This preview shows how white text looks on a background with the CIELCh color 60, 14.324, 9.652.

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, 14.324, 9.652

Protanopia

60, 1.636, 335.634

Deuteranopia

60, 8.398, 20.199



Tritanopia
60, 15.530, 357.684

Trichromacy



Original Color
60, 14.324, 9.652

Protanomaly
60, 6.154, 4.063

Deuteranomaly
60, 10.887, 14.592

Tritanomaly
60, 15.187, 1.645

Monochromacy



Original Color
60, 14.324, 9.652

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 5.238, 7.478

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 14.324, 9.652 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(171, 136, 141)` looks like.

```
.text, #text, p{  
    color:rgb(171, 136, 141)  
}
```

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(171, 136, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 136, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 14.324, 9.652 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(171, 136, 141) }
```

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

```
.border{ border-color:rgb(171, 136, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 136, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 136, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 136, 141);  
box-shadow:4px 4px 4px 4px rgb(171, 136,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 14.324, 9.652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 136, 141) }
```

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

```
.background{ background-color: rgb(171,  
136, 141) }
```

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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