

Converting Colors

CIELCh(14, 14.927, 60.866)

Have a look what the booklet for
CIELCh(14, 14.927, 60.866) contains.

CIELCh(14, 14.912, 60.571)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(14, 14.912, 60.571)

Conversions

Conversions Part 1

Format	Color
Hex	321F11
RGB	50, 31, 17
RGB Percent	20%, 12%, 7%
CMY	0.8023, 0.8770, 0.9317
CMYK	0.00, 0.38, 0.65, 0.80
HSL	25°, 49%, 13%
HSV	25°, 65%, 20%
XYZ	1.9397, 1.7298, 0.7795
YIQ	35.0850, 15.8180, -0.3260

Conversions

Conversions Part 2

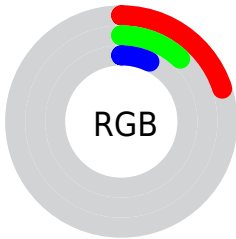
Format	Color
R_{YB}	50, 41, 17
Decimal	3284753
CIE Lab	14.00, 7.33, 12.99
CIE LCh	14, 14.912, 60.571
Yxy	1.7298, 0.4360, 0.3888
Android (android.graphics.Color)	4281474833 (0xFF321F11)
YUV	35.0850, -8.9159, 13.0805
Hunter-Lab	13.1521, 3.3095, 5.6923

Details

The CIELCh color **14, 14.912, 60.571** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **14, 11.810, 256.891**, and the grayscale version is **14, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 15.126, 61.313**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **13, 16.886, 58.355**, and if you desaturate by 10%, it is **15, 12.464, 61.757**.

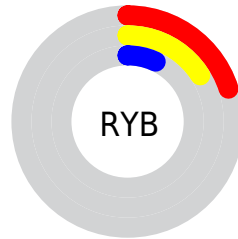
Distribution



Red (20%)

Green (12%)

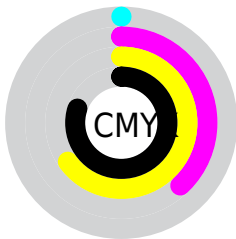
Blue (7%)



Red (20%)

Yellow (16%)

Blue (7%)

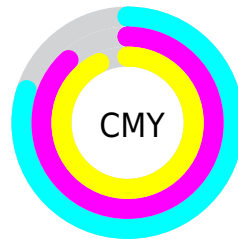


Cyan (0%)

Magenta (38%)

Yellow (65%)

Black (80%)



Cyan (80%)

Magenta (88%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 14.912, 60.571 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 14, 14.912, 60.571 by changing the saturation by 10% instead.

■ 14, 14.912, 60.571

■ 14, 14.912, 60.571

■ 100, 14.912,
60.571

■ 4, 14.912, 60.571

■ 34, 14.912, 60.571

■ 0, 14.912, 60.571

■ 44, 14.912, 60.571

■ 54, 14.912, 60.571

■ 64, 14.912, 60.571

■ 74, 14.912, 60.571

■ 84, 14.912, 60.571

■ 94, 14.912, 60.571

■ 14, 14.912, 60.571

■ 14, 14.912, 60.571

■ 13, 16.886, 58.355

■ 15, 12.464, 61.757

■ 12, 18.498, 55.524

■ 16, 9.960, 62.601

■ 11, 20.098, 53.119

■ 17, 7.571, 63.463

■ 11, 20.837, 52.191

■ 18, 5.298, 64.338

■ 19, 3.135, 65.212

■ 20, 1.076, 66.011

■ 21, 0.889, 247.244

■ 23, 2.768, 248.007

■ 24, 4.568, 248.858

Harmonies

Complementary

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



14, 14.912, 60.571



14, 11.810, 256.891

Rectangle

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



14, 14.912, 60.571



14, 14.912, 110.571



14, 14.912, 240.571



14, 14.912, 290.571

Sweetspot

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



14, 14.912, 60.576



25, 5.187, 64.718



11, 20.175, 344.737



11, 3.466, 64.678



66, 0.008, 296.813



13, 0.003, 296.813

Same Dimension

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



14, 14.912, 60.576



18, 23.516, 59.038



19, 19.881, 100.910



8, 1.111, 65.750



22, 38.433, 55.927



54, 78.454, 54.280

Inverse Universe

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



14, 11.810, 256.891



17, 17.366, 262.002



8, 22.697, 295.322



8, 1.088, 247.534



21, 27.024, 271.407



51, 55.106, 275.967

Previews

White Background



This preview shows how the CIE LCh color 14, 14.912, 60.571 looks on a white 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 ✓ Pass

Black Background



This preview shows how the CIELCh color 14, 14.912, 60.571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

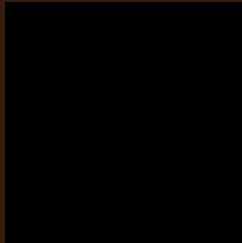
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 14, 14.912, 60.571

Background



This preview shows how black text looks on a background with the CIELCh color 14, 14.912, 60.571.

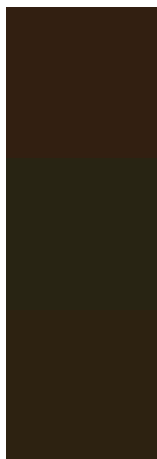


This preview shows how white text looks on a background with the CIELCh color 14, 14.912, 60.571.

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

14, 14.912, 60.571

Protanopia

14, 12.058, 96.134

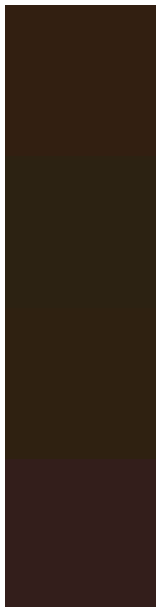
Deuteranopia

14, 13.433, 79.100



Tritanopia
14, 10.990, 15.255

Trichromacy



Original Color
14, 14.912, 60.571

Protanomaly
14, 12.606, 80.309

Deuteranomaly
14, 13.858, 71.827

Tritanomaly
14, 11.660, 32.698

Monochromacy



Original Color
14, 14.912, 60.571

Achromatopsia
14, 0.003, 296.813

Achromatomaly
14, 5.142, 63.414

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 14.912, 60.571 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(50, 31, 17)` looks like.

```
.text, #text, p{  
    color:rgb(50, 31, 17)  
}
```

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(50, 31, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 31, 17) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 14.912, 60.571 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(50, 31, 17) }
```

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

```
.border{ border-color:rgb(50, 31, 17) }
```

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

Here you see how a box with a 4 pixel rgb(50, 31, 17) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 31, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 31, 17);  
box-shadow:4px 4px 4px 4px rgb(50, 31, 17)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 14, 14.912, 60.571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 31, 17) }
```

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

```
.background{ background-color: rgb(50, 31,  
17) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor