

Converting Colors

CIELCh(70, 35.914, 74.877)

Have a look what the booklet for
CIELCh(70, 35.914, 74.877) contains.

CIELCh(70, 35.914, 74.877)	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(70, 35.914, 74.877)

Conversions

Conversions Part 1

Format	Color
Hex	CFA36C
RGB	207, 163, 108
RGB Percent	81%, 64%, 42%
CMY	0.1866, 0.3592, 0.5750
CMYK	0.00, 0.21, 0.48, 0.19
HSL	33°, 51%, 62%
HSV	33°, 48%, 81%
XYZ	41.7429, 40.7494, 19.9558
YIQ	169.8860, 43.8790, -7.7770

Conversions

Conversions Part 2

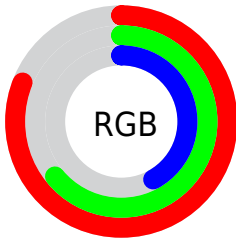
Format	Color
RYB	187, 207, 108
Decimal	13607788
CIELab	70.00, 9.37, 34.67
CIELCh	70, 35.914, 74.877
Yxy	40.7494, 0.4075, 0.3978
Android (android.graphics.Color)	4291797868 (0xFFCFA36C)
YUV	169.8860, -30.5098, 32.5490
Hunter-Lab	63.8353, 5.0123, 26.1498

Details

The CIELCh color **70, 35.914, 74.877** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **62, 32.850, 270.105**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 33.705, 81.395**, and **50, 35.815, 74.738** is the 20% darker color. If you saturate the color by 10%, you get **67, 44.072, 73.468**, and if you desaturate by 10%, it is **73, 27.905, 76.253**.

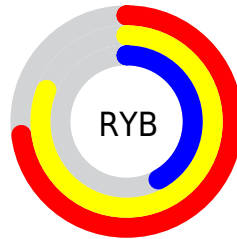
Distribution



Red (81%)

Green (64%)

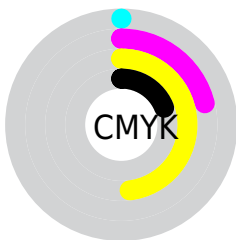
Blue (42%)



Red (73%)

Yellow (81%)

Blue (42%)

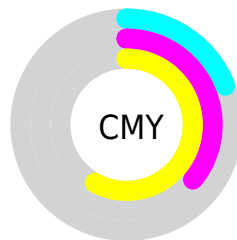


Cyan (0%)

Magenta (21%)

Yellow (48%)

Black (19%)



Cyan (19%)

Magenta (36%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 35.914, 74.877 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 70, 35.914, 74.877 by changing the saturation by 10% instead.

70, 35.914, 74.877

70, 35.914, 74.877

100, 35.914,
74.877

60, 35.914, 74.877

90, 35.914, 74.877

50, 35.914, 74.877

40, 35.914, 74.877

30, 35.914, 74.877

20, 35.914, 74.877

10, 35.914, 74.877

0, 35.914, 74.877

70, 35.914, 74.877

70, 35.914, 74.877

67, 44.072, 73.468

73, 27.905, 76.253

65, 52.175, 71.972

75, 20.136, 77.592

63, 59.812, 70.302

78, 12.639, 78.899

60, 66.264, 68.273

81, 5.415, 80.149

58, 70.709, 65.637

84, 1.552, 261.674

58, 71.627, 65.047

87, 8.280, 262.706

90, 14.793,
263.850

92, 13.302,
243.066

95, 13.550,
217.875

Harmonies

Complementary

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



70, 35.914, 74.877



62, 32.850, 270.105

Rectangle

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



70, 35.914, 74.877



70, 35.914, 124.877



70, 35.914, 254.877



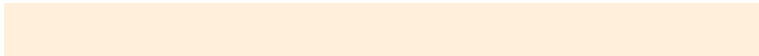
70, 35.914, 304.877

Sweetspot

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



70, 35.914, 74.882



95, 11.705, 79.357



58, 44.661, 351.821



50, 8.115, 79.079



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 35.914, 74.882



81, 51.428, 73.478



81, 50.718, 107.981



43, 4.001, 79.949



47, 61.200, 65.624



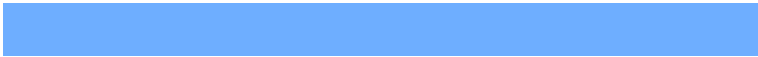
10, 15.828, 65.526

Inverse Universe

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



62, 32.850, 270.105



70, 46.296, 272.990



51, 57.712, 298.318



42, 3.947, 262.485



34, 58.546, 288.736



5, 17.411, 276.627

Previews

White Background



This preview shows how the CIELCh color 70, 35.914, 74.877 looks on a white 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

Black Background



This preview shows how the CIELCh color 70, 35.914, 74.877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

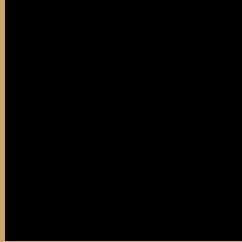
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 35.914, 74.877

Background



This preview shows how black text looks on a background with the CIELCh color 70, 35.914, 74.877.



This preview shows how white text looks on a background with the CIELCh color 70, 35.914, 74.877.

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

70, 35.914, 74.877

Protanopia

70, 33.003, 95.680

Deuteranopia

70, 36.087, 75.837



Tritanopia
70, 23.098, 5.346

Trichromacy



Original Color
70, 35.914, 74.877

Protanomaly
70, 33.445, 87.403

Deuteranomaly
70, 36.087, 75.837

Tritanomaly
70, 22.596, 39.231

Monochromacy



Original Color
70, 35.914, 74.877

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 12.676, 78.691

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 35.914, 74.877 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(207, 163, 108)` looks like.

```
.text, #text, p{  
    color:rgb(207, 163, 108)  
}
```

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(207, 163, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 163, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 35.914, 74.877 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(207, 163, 108) }
```

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

```
.border{ border-color:rgb(207, 163, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 163, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 163, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 163, 108);  
box-shadow:4px 4px 4px 4px rgb(207, 163,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 35.914, 74.877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 163, 108) }
```

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

```
.background{ background-color: rgb(207,  
163, 108) }
```

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