

Converting Colors

CIELCh(73, 14.244, 37.083)

Have a look what the booklet for
CIELCh(73, 14.244, 37.083) contains.

CIELCh(73, 14.120, 38.161)	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(73, 14.120, 38.161)

Conversions

Conversions Part 1

Format	Color
Hex	CEACA4
RGB	206, 172, 164
RGB Percent	81%, 67%, 64%
CMY	0.1932, 0.3265, 0.3578
CMYK	0.00, 0.17, 0.20, 0.19
HSL	11°, 30%, 72%
HSV	11°, 20%, 81%
XYZ	46.7633, 45.1644, 41.2564
YIQ	181.2540, 22.8320, 4.7200

Conversions

Conversions Part 2

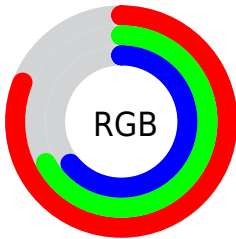
Format	Color
RYB	206, 174, 164
Decimal	13544612
CIELab	73.00, 11.10, 8.72
CIElCh	73, 14.120, 38.161
Yxy	45.1644, 0.3511, 0.3391
Android (android.graphics.Color)	4291734692 (0xFFCEACA4)
YUV	181.2540, -8.5062, 21.7022
Hunter-Lab	67.2044, 6.5991, 10.6454

Details

The CIELCh color **73, 14.120, 38.161** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **78, 12.330, 219.083**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 11.139, 41.638**, and **53, 14.049, 39.707** is the 20% darker color. If you saturate the color by 10%, you get **68, 21.935, 38.286**, and if you desaturate by 10%, it is **78, 6.908, 38.165**.

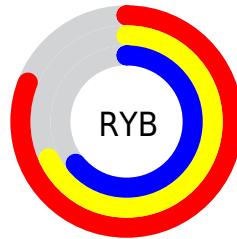
Distribution



Red (81%)

Green (67%)

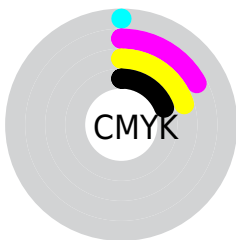
Blue (64%)



Red (81%)

Yellow (68%)

Blue (64%)

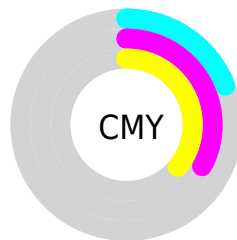


Cyan (0%)

Magenta (17%)

Yellow (20%)

Black (19%)



Cyan (19%)

Magenta (33%)

Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 14.120, 38.161 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 73, 14.120, 38.161 by changing the saturation by 10% instead.

 73, 14.120, 38.161

 73, 14.120, 38.161

 100, 14.120,
38.161

 63, 14.120, 38.161

 93, 14.120, 38.161

 53, 14.120, 38.161

 43, 14.120, 38.161

 33, 14.120, 38.161

 23, 14.120, 38.161

 13, 14.120, 38.161

 3, 14.120, 38.161

 0, 14.120, 38.161

 73, 14.120, 38.161

 73, 14.120, 38.161

68, 21.935, 38.286

78, 6.908, 38.165

64, 30.386, 38.569

82, 0.258, 36.230

60, 39.462, 39.063

87, 5.886, 218.696

56, 49.096, 39.801

92, 11.579,
218.922

52, 59.110, 40.775

97, 16.333,
198.421

49, 69.099, 41.873

47, 78.161, 42.731

45, 84.939, 43.050

Harmonies

Complementary

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



73, 14.120, 38.161



78, 12.330, 219.083

Rectangle

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



73, 14.120, 38.161



73, 14.120, 88.161



73, 14.120, 218.161



73, 14.120, 268.161

Sweetspot

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



73, 14.119, 38.171



97, 4.657, 38.155



72, 24.174, 331.210



51, 3.097, 38.160



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 14.119, 38.171



87, 20.088, 38.199



78, 16.152, 89.868



40, 3.724, 38.166



36, 71.956, 43.401



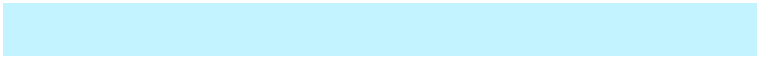
5, 16.091, 29.968

Inverse Universe

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



78, 12.330, 219.083



93, 17.043, 219.277



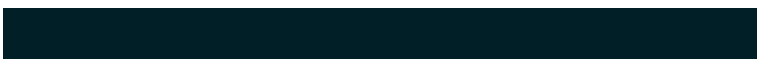
72, 16.145, 275.323



42, 3.511, 218.708



52, 31.679, 233.172



10, 11.753, 224.666

Previews

White Background



This preview shows how the CIELCh color 73, 14.120, 38.161 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 CIE LCh color 73, 14.120, 38.161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

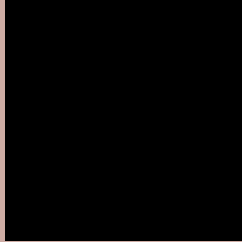
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 14.120, 38.161

Background



This preview shows how black text looks on a background with the CIELCh color 73, 14.120, 38.161.

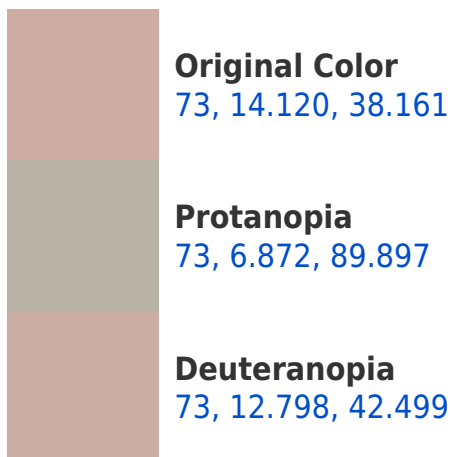


This preview shows how white text looks on a background with the CIELCh color 73, 14.120, 38.161.

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





Tritanopia
73, 16.377, 355.540

Trichromacy



Original Color
73, 14.120, 38.161

Protanomaly
73, 8.540, 58.952

Deuteranomaly
73, 13.173, 41.860

Tritanomaly
73, 14.495, 9.981

Monochromacy



Original Color
73, 14.120, 38.161

Achromatopsia
74, 0.009, 296.813

Achromatomaly
73, 4.834, 39.218

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 14.120, 38.161 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(206, 172, 164)` looks like.

```
.text, #text, p{  
    color:rgb(206, 172, 164)  
}
```

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(206, 172, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 172, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 14.120, 38.161 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(206, 172, 164) }
```

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

```
.border{ border-color:rgb(206, 172, 164) }
```

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

Here you see how a box with a 4 pixel rgb(206, 172, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 172, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 172, 164);  
box-shadow:4px 4px 4px 4px rgb(206, 172,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 14.120, 38.161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 172, 164) }
```

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

```
.background{ background-color: rgb(206,  
172, 164) }
```

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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