

Converting Colors

CIELCh(75, 5.592, 38.418)

Have a look what the booklet for
CIELCh(75, 5.592, 38.418) contains.

CIELCh(75, 5.731, 41.725)	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(75, 5.731, 41.725)

Conversions

Conversions Part 1

Format	Color
Hex	C4B6B2
RGB	196, 182, 178
RGB Percent	77%, 71%, 70%
CMY	0.2322, 0.2871, 0.3028
CMYK	0.00, 0.07, 0.09, 0.23
HSL	13°, 13%, 73%
HSV	13°, 9%, 77%
XYZ	47.4045, 48.2781, 48.8253
YIQ	185.7300, 9.6280, 1.7240

Conversions

Conversions Part 2

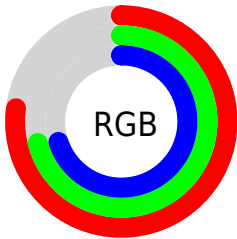
Format	Color
RYB	196, 183, 178
Decimal	12891826
CIELab	75.00, 4.28, 3.81
CIElCh	75, 5.731, 41.725
Yxy	48.2781, 0.3280, 0.3341
Android (android.graphics.Color)	4291081906 (0xFFC4B6B2)
YUV	185.7300, -3.8109, 9.0068
Hunter-Lab	69.4824, 0.1876, 6.9747

Details

The CIELCh color $75, 5.731, 41.725$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $77, 5.421, 222.561$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 5.763, 40.409$, and $55, 5.767, 43.170$ is the 20% darker color. If you saturate the color by 10%, you get $71, 12.461, 41.585$, and if you desaturate by 10%, it is $79, 0.488, 223.222$.

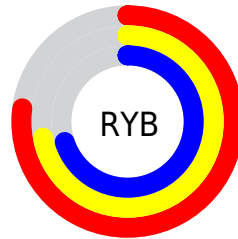
Distribution



Red (77%)

Green (71%)

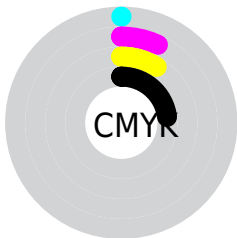
Blue (70%)



Red (77%)

Yellow (72%)

Blue (70%)

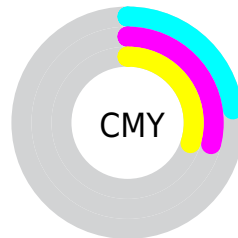


Cyan (0%)

Magenta (7%)

Yellow (9%)

Black (23%)



Cyan (23%)

Magenta (29%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 5.731, 41.725 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 75, 5.731, 41.725 by changing the saturation by 10% instead.

■ 75, 5.731, 41.725

■ 75, 5.731, 41.725

■ 100, 5.731, 41.725

■ 65, 5.731, 41.725

■ 95, 5.731, 41.725

■ 55, 5.731, 41.725

■ 45, 5.731, 41.725

■ 35, 5.731, 41.725

■ 25, 5.731, 41.725

■ 15, 5.731, 41.725

■ 5, 5.731, 41.725

■ 0, 5.731, 41.725

■ 75, 5.731, 41.725

■ 75, 5.731, 41.725

71, 12.461, 41.585

79, 0.488, 223.222

66, 19.751, 41.502

84, 6.244, 222.584

62, 27.634, 41.557

88, 11.592,
222.951

58, 36.116, 41.789

93, 16.401,
221.476

55, 45.151, 42.221

51, 54.600, 42.847

96, 19.380,
198.226

48, 64.129, 43.573

46, 72.984, 44.095

44, 80.089, 44.081

Harmonies

Complementary

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



75, 5.731, 41.725



77, 5.421, 222.561

Rectangle

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



75, 5.731, 41.725



75, 5.731, 91.725



75, 5.731, 221.725



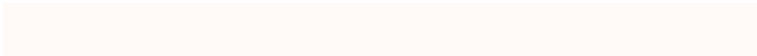
75, 5.731, 271.725

Sweetspot

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



75, 5.730, 41.747



98, 2.260, 41.729



74, 10.159, 331.663



52, 1.719, 41.765



0, 0.000, 0.000



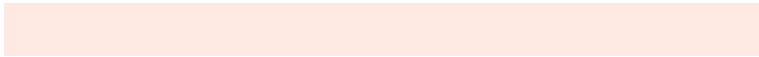
53, 0.007, 296.813

Same Dimension

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



75, 5.730, 41.747



94, 8.567, 41.715



77, 7.145, 93.790



39, 3.508, 41.745



36, 69.284, 44.505



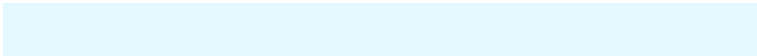
4, 12.280, 33.413

Inverse Universe

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



77, 5.421, 222.561



96, 8.001, 222.638



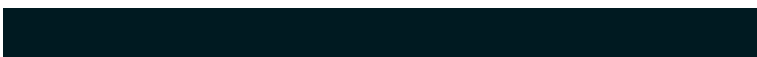
74, 7.179, 276.103



40, 3.315, 222.567



49, 31.493, 239.922



8, 10.342, 231.571

Previews

White Background



This preview shows how the CIELCh color 75, 5.731, 41.725 looks on a white background.

Color Contrast Check

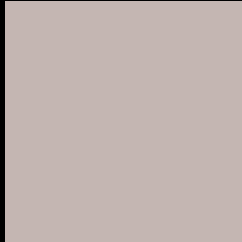
Large Text (above 18pt) WCAG AA × Fail

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 75, 5.731, 41.725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

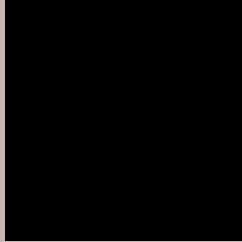
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

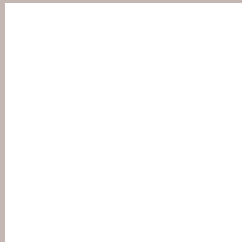
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 5.731, 41.725

Background



This preview shows how black text looks on a background with the CIELCh color 75, 5.731, 41.725.



This preview shows how white text looks on a background with the CIELCh color 75, 5.731, 41.725.

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

75, 5.731, 41.725

Protanopia

75, 3.267, 74.677

Deuteranopia

75, 9.972, 23.260



Tritanopia
75, 10.357, 333.435

Trichromacy



Original Color
75, 5.731, 41.725

Protanomaly
75, 3.694, 55.078

Deuteranomaly
75, 8.474, 27.298

Tritanomaly
75, 7.412, 349.408

Monochromacy



Original Color
75, 5.731, 41.725

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 2.302, 32.863

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 5.731, 41.725 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(196, 182, 178)` looks like.

```
.text, #text, p{  
    color:rgb(196, 182, 178)  
}
```

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(196, 182, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 182, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 5.731, 41.725 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(196, 182, 178) }
```

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

```
.border{ border-color:rgb(196, 182, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 182, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 182, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 182, 178);  
box-shadow:4px 4px 4px 4px rgb(196, 182,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 5.731, 41.725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 182, 178) }
```

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

```
.background{ background-color: rgb(196,  
182, 178) }
```

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