

Converting Colors

CIELCh(74, 6.244, 56.835)

Have a look what the booklet for
CIELCh(74, 6.244, 56.835) contains.

CIELCh(74, 6.244, 56.814)	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(74, 6.244, 56.814)

Conversions

Conversions Part 1

Format	Color
Hex	C0B3AC
RGB	192, 179, 172
RGB Percent	75%, 70%, 67%
CMY	0.2451, 0.2961, 0.3236
CMYK	0.00, 0.07, 0.10, 0.25
HSL	21°, 14%, 72%
HSV	21°, 10%, 75%
XYZ	45.5743, 46.7039, 45.8862
YIQ	182.0890, 9.9950, 0.5790

Conversions

Conversions Part 2

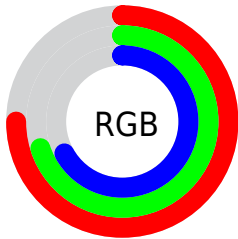
Format	Color
RYB	192, 183, 172
Decimal	12628908
CIELab	74.00, 3.42, 5.23
CIELCh	74, 6.244, 56.814
Yxy	46.7039, 0.3299, 0.3380
Android (android.graphics.Color)	4290818988 (0xFFC0B3AC)
YUV	182.0890, -4.9739, 8.6919
Hunter-Lab	68.3403, -0.5586, 8.0287

Details

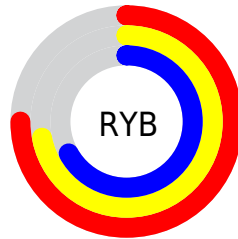
The CIELCh color $74, 6.244, 56.814$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $75, 5.945, 238.855$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 6.235, 60.675$, and $54, 6.019, 54.651$ is the 20% darker color. If you saturate the color by 10%, you get $70, 12.686, 56.061$, and if you desaturate by 10%, it is $78, 0.225, 55.695$.

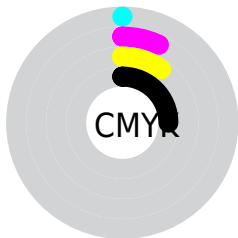
Distribution



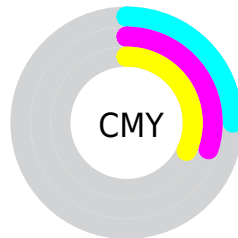
- Red (75%)
- Green (70%)
- Blue (67%)



- Red (75%)
- Yellow (72%)
- Blue (67%)



- Cyan (0%)
- Magenta (7%)
- Yellow (10%)
- Black (25%)



- Cyan (25%)
- Magenta (30%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 6.244, 56.814 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 74, 6.244, 56.814 by changing the saturation by 10% instead.

 74, 6.244, 56.814

 74, 6.244, 56.814

 100, 6.244, 56.814

 64, 6.244, 56.814

 94, 6.244, 56.814

 54, 6.244, 56.814

 44, 6.244, 56.814

 34, 6.244, 56.814

 24, 6.244, 56.814

 14, 6.244, 56.814

 4, 6.244, 56.814

 0, 6.244, 56.814

 74, 6.244, 56.814

 74, 6.244, 56.814

70, 12.686, 56.061

78, 0.225, 55.695

67, 19.594, 55.311

82, 5.414, 238.703

63, 26.996, 54.620

85, 10.718,
239.530

60, 34.900, 54.004

89, 15.726,
240.380

57, 43.262, 53.460

54, 51.937, 52.950

93, 17.241,
221.477

51, 60.567, 52.349

96, 20.207,
198.841

48, 68.389, 51.362

46, 74.529, 49.959

96, 20.362,
198.165

Harmonies

Complementary

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



74, 6.244, 56.814



75, 5.945, 238.855

Rectangle

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



74, 6.244, 56.814



74, 6.244, 106.814



74, 6.244, 236.814



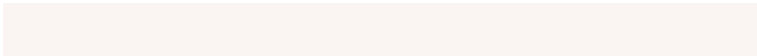
74, 6.244, 286.814

Sweetspot

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



74, 6.244, 56.835



97, 2.169, 57.268



73, 10.314, 337.090



51, 1.649, 57.254



99, 0.012, 296.813



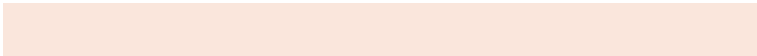
52, 0.007, 296.813

Same Dimension

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



74, 6.244, 56.835



93, 8.965, 56.698



77, 9.165, 102.113



39, 3.412, 56.912



39, 64.872, 50.458



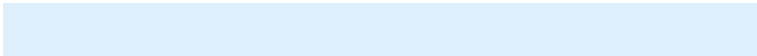
5, 11.688, 43.162

Inverse Universe

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



75, 5.945, 238.855



93, 8.455, 239.039



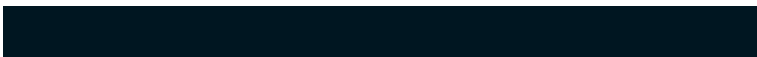
72, 9.311, 284.458



39, 3.266, 238.756



42, 37.571, 264.273



6, 10.980, 252.810

Previews

White Background



This preview shows how the CIELCh color 74, 6.244, 56.814 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 74, 6.244, 56.814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

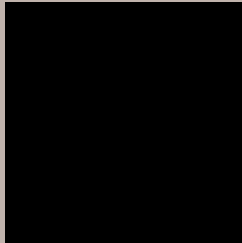
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

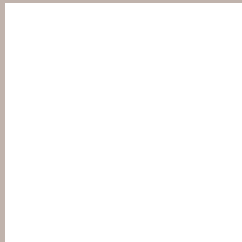
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 6.244, 56.814

Background



This preview shows how black text looks on a background with the CIELCh color 74, 6.244, 56.814.



This preview shows how white text looks on a background with the CIELCh color 74, 6.244, 56.814.

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

74, 6.244, 56.814

Protanopia

74, 4.867, 81.743

Deuteranopia

74, 10.557, 28.992



Tritanopia
74, 10.129, 331.868

Trichromacy



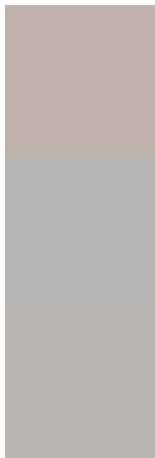
Original Color
74, 6.244, 56.814

Protanomaly
74, 5.089, 67.352

Deuteranomaly
74, 8.742, 34.267

Tritanomaly
74, 6.839, 351.665

Monochromacy



Original Color
74, 6.244, 56.814

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 2.193, 66.725

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 6.244, 56.814 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(192, 179, 172)` looks like.

```
.text, #text, p{  
    color:rgb(192, 179, 172)  
}
```

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(192, 179, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 179, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 6.244, 56.814 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(192, 179, 172) }
```

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

```
.border{ border-color:rgb(192, 179, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 179, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 179, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 179, 172);  
box-shadow:4px 4px 4px 4px rgb(192, 179,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 6.244, 56.814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 179, 172) }
```

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

```
.background{ background-color: rgb(192,  
179, 172) }
```

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