

Converting Colors

CIELCh(74, 31.976, 59.754)

Have a look what the booklet for
CIELCh(74, 31.976, 59.754) contains.

CIELCh(74, 32.094, 59.756)	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, 32.094, 59.756)

Conversions

Conversions Part 1

Format	Color
Hex	E3AA84
RGB	227, 170, 132
RGB Percent	89%, 67%, 52%
CMY	0.1101, 0.3336, 0.4826
CMYK	0.00, 0.25, 0.42, 0.11
HSL	24°, 63%, 70%
HSV	24°, 42%, 89%
XYZ	50.1745, 46.7039, 28.1745
YIQ	182.7110, 46.1700, 0.2660

Conversions

Conversions Part 2

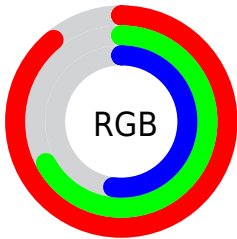
Format	Color
R _Y B	227, 195, 132
Decimal	14920324
CIE Lab	74.00, 16.17, 27.73
CIE LCh	74, 32.094, 59.756
Yxy	46.7039, 0.4012, 0.3735
Android (android.graphics.Color)	4293110404 (0xFFE3AA84)
YUV	182.7110, -25.0005, 38.8415
Hunter-Lab	68.3403, 11.4567, 23.3948

Details

The CIELCh color **74, 32.094, 59.756** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **74, 26.286, 250.530**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 23.806, 79.127**, and **54, 32.278, 59.878** is the 20% darker color. If you saturate the color by 10%, you get **70, 41.053, 58.870**, and if you desaturate by 10%, it is **78, 23.640, 60.694**.

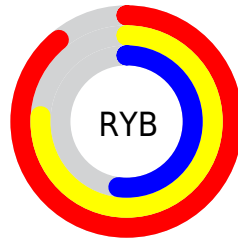
Distribution



Red (89%)

Green (67%)

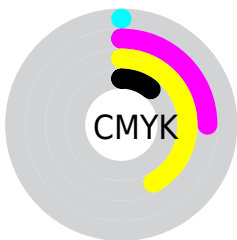
Blue (52%)



Red (89%)

Yellow (76%)

Blue (52%)

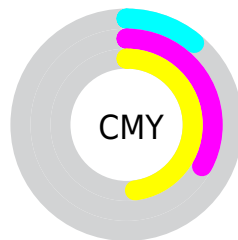


Cyan (0%)

Magenta (25%)

Yellow (42%)

Black (11%)



Cyan (11%)

Magenta (33%)

Yellow (48%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 32.094, 59.756 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, 32.094, 59.756 by changing the saturation by 10% instead.

 74, 32.094, 59.756


 74, 32.094, 59.756

 100, 32.094,
59.756

 64, 32.094, 59.756

 94, 32.094, 59.756

 54, 32.094, 59.756

 44, 32.094, 59.756

 34, 32.094, 59.756

 24, 32.094, 59.756

 14, 32.094, 59.756

 4, 32.094, 59.756

 0, 32.094, 59.756

 74, 32.094, 59.756

 74, 32.094, 59.756

70, 41.053, 58.870

78, 23.640, 60.694

67, 50.440, 58.005

82, 15.701, 61.661

64, 60.034, 57.109

85, 8.251, 62.638

61, 69.321, 56.025

89, 1.250, 63.325

58, 77.298, 54.416

93, 5.348, 244.827

56, 82.300, 52.620

97, 8.527, 210.703

98, 9.540, 198.872

Harmonies

Complementary

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



74, 32.094, 59.756



74, 26.286, 250.530

Rectangle

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



74, 32.094, 59.756



74, 32.094, 109.756



74, 32.094, 239.756



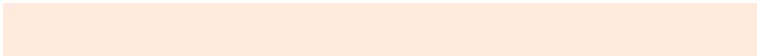
74, 32.094, 289.756

Sweetspot

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



74, 32.093, 59.762



94, 9.980, 62.520



67, 46.053, 342.316



49, 7.033, 62.303



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



74, 32.093, 59.762



79, 43.299, 59.005



86, 44.031, 101.321



45, 3.885, 62.868



44, 67.677, 53.282



10, 20.000, 49.313

Inverse Universe

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



74, 26.286, 250.530



79, 33.834, 252.667



61, 48.035, 291.935



45, 3.742, 245.034



43, 44.485, 272.161



10, 16.127, 262.152

Previews

White Background



This preview shows how the CIELCh color 74, 32.094, 59.756 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, 32.094, 59.756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

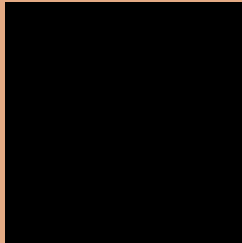
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 32.094, 59.756

Background



This preview shows how black text looks on a background with the CIELCh color 74, 32.094, 59.756.



This preview shows how white text looks on a background with the CIELCh color 74, 32.094, 59.756.

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, 32.094, 59.756

Protanopia

74, 24.731, 95.386

Deuteranopia

74, 29.593, 72.292



Tritanopia
74, 26.701, 8.050

Trichromacy



Original Color
74, 32.094, 59.756

Protanomaly
74, 26.220, 80.591

Deuteranomaly
74, 30.452, 67.472

Tritanomaly
74, 25.994, 28.670

Monochromacy



Original Color
74, 32.094, 59.756

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 11.195, 62.086

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 32.094, 59.756 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(227, 170, 132)` looks like.

```
.text, #text, p{  
    color:rgb(227, 170, 132)  
}
```

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(227, 170, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 170, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 32.094, 59.756 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(227, 170, 132) }
```

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

```
.border{ border-color:rgb(227, 170, 132) }
```

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

Here you see how a box with a 4 pixel rgb(227, 170, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 170, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 170, 132);  
box-shadow:4px 4px 4px 4px rgb(227, 170,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 32.094, 59.756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 170, 132) }
```

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

```
.background{ background-color: rgb(227,  
170, 132) }
```

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