

Converting Colors

CIELCh(75, 12.862, 93.116)

Have a look what the booklet for
CIELCh(75, 12.862, 93.116) contains.

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Color

CIELCh(75, 12.847, 93.046)

Conversions

Conversions Part 1

Format	Color
Hex	C1B8A1
RGB	193, 184, 161
RGB Percent	76%, 72%, 63%
CMY	0.2425, 0.2778, 0.3681
CMYK	0.00, 0.05, 0.17, 0.24
HSL	43°, 21%, 69%
HSV	43°, 17%, 76%
XYZ	45.6477, 48.2781, 40.6977
YIQ	184.0690, 12.7470, -5.2450

Conversions

Conversions Part 2

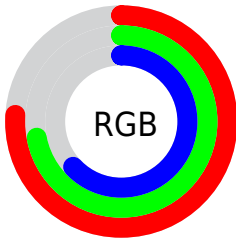
Format	Color
RYB	174, 193, 161
Decimal	12695713
CIELab	75.00, -0.68, 12.83
CIELCh	75, 12.847, 93.046
Yxy	48.2781, 0.3391, 0.3586
Android (android.graphics.Color)	4290885793 (0xFFC1B8A1)
YUV	184.0690, -11.3730, 7.8325
Hunter-Lab	69.4824, -4.3256, 13.9100

Details

The CIELCh color **75, 12.847, 93.046** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70, 12.928, 277.295**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 12.807, 92.437**, and **55, 13.020, 93.546** is the 20% darker color. If you saturate the color by 10%, you get **73, 20.750, 91.796**, and if you desaturate by 10%, it is **77, 5.050, 94.256**.

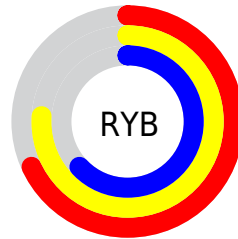
Distribution



Red (76%)

Green (72%)

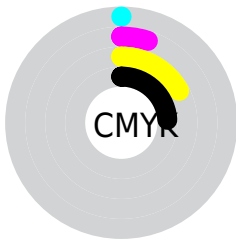
Blue (63%)



Red (68%)

Yellow (76%)

Blue (63%)

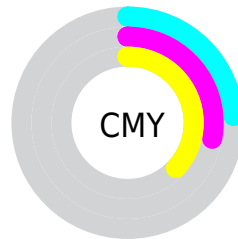


Cyan (0%)

Magenta (5%)

Yellow (17%)

Black (24%)



Cyan (24%)

Magenta (28%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 12.847, 93.046 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, 12.847, 93.046 by changing the saturation by 10% instead.

■ 75, 12.847, 93.046

■ 75, 12.847, 93.046

■ 100, 12.847,
93.046

■ 65, 12.847, 93.046

■ 95, 12.847, 93.046

■ 55, 12.847, 93.046

■ 45, 12.847, 93.046

■ 35, 12.847, 93.046

■ 25, 12.847, 93.046

■ 15, 12.847, 93.046

■ 5, 12.847, 93.046

■ 0, 12.847, 93.046

■ 75, 12.847, 93.046

■ 75, 12.847, 93.046

73, 20.750, 91.796

77, 5.050, 94.256

71, 28.721, 90.497

79, 2.629, 275.552

70, 36.685, 89.162

81, 10.185,
276.628

68, 44.501, 87.789

83, 17.622,
277.701

66, 51.917, 86.362

65, 58.504, 84.843

85, 23.567,
277.718

63, 63.624, 83.151

86, 21.244,
270.796

62, 66.632, 81.167

61, 67.446, 80.464

87, 19.294,
262.407

89, 17.832,
252.481

90, 16.972,
241.268

Harmonies

Complementary

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



75, 12.847, 93.046



70, 12.928, 277.295

Rectangle

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



75, 12.847, 93.046



75, 12.847, 143.046



75, 12.847, 273.046



75, 12.847, 323.046

Sweetspot

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



75, 12.848, 93.055



97, 4.729, 94.423



69, 13.260, 358.742



52, 3.229, 94.344



99, 0.012, 296.813



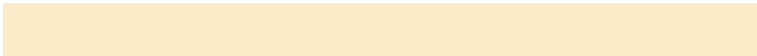
52, 0.007, 296.813

Same Dimension

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



75, 12.848, 93.055



94, 19.170, 92.589



77, 17.283, 117.547



40, 4.381, 93.929



52, 58.890, 80.818



9, 13.188, 84.832

Inverse Universe

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



70, 12.928, 277.295



86, 19.311, 277.872



68, 17.890, 299.832



38, 4.403, 276.281



25, 74.076, 298.902



3, 15.730, 282.073

Previews

White Background



This preview shows how the CIELCh color 75, 12.847, 93.046 looks on a white background.

Color Contrast Check

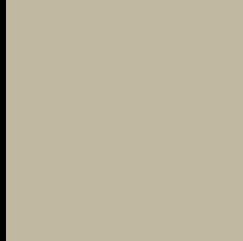
Large Text (above 18pt) WCAG AA × Fail

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, 12.847, 93.046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

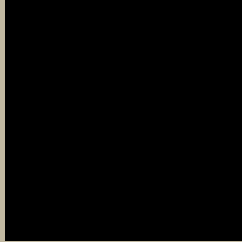
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

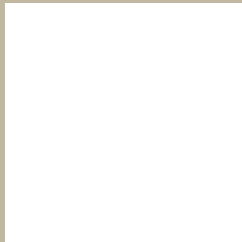
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 12.847, 93.046

Background



This preview shows how black text looks on a background with the CIELCh color 75, 12.847, 93.046.



This preview shows how white text looks on a background with the CIELCh color 75, 12.847, 93.046.

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, 12.847, 93.046

Protanopia

75, 12.847, 93.046

Deuteranopia

75, 15.416, 53.930



Tritanopia
75, 10.516, 329.912

Trichromacy



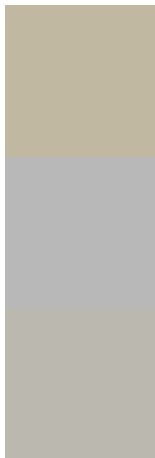
Original Color
75, 12.847, 93.046

Protanomaly
75, 12.847, 93.046

Deuteranomaly
75, 13.598, 65.043

Tritanomaly
75, 5.685, 14.368

Monochromacy



Original Color
75, 12.847, 93.046

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 4.440, 94.937

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 12.847, 93.046 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(193, 184, 161)` looks like.

```
.text, #text, p{  
    color:rgb(193, 184, 161)  
}
```

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(193, 184, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 184, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 12.847, 93.046 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(193, 184, 161) }
```

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

```
.border{ border-color:rgb(193, 184, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 184, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 184, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 184, 161);  
box-shadow:4px 4px 4px 4px rgb(193, 184,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 12.847, 93.046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 184, 161) }
```

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

```
.background{ background-color: rgb(193,  
184, 161) }
```

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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