

Converting Colors

CIELCh(75, 8.730, 93.338)

Have a look what the booklet for
CIELCh(75, 8.730, 93.338) contains.

CIELCh(75, 8.492, 90.880)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(75, 8.492, 90.880)

Conversions

Conversions Part 1

Format	Color
Hex	BFB8A9
RGB	191, 184, 169
RGB Percent	75%, 72%, 66%
CMY	0.2506, 0.2780, 0.3369
CMYK	0.00, 0.04, 0.12, 0.25
HSL	41°, 15%, 71%
HSV	41°, 12%, 75%
XYZ	45.8411, 48.2781, 44.4857
YIQ	184.3830, 8.9870, -3.1810

Conversions

Conversions Part 2

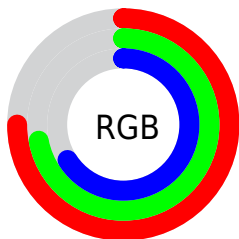
Format	Color
RYB	179, 191, 169
Decimal	12564649
CIELab	75.00, -0.13, 8.49
CIELCh	75, 8.492, 90.880
Yxy	48.2781, 0.3307, 0.3483
Android (android.graphics.Color)	4290754729 (0xFFBFB8A9)
YUV	184.3830, -7.5838, 5.8031
Hunter-Lab	69.4824, -3.8287, 10.6777

Details

The CIELCh color $75, 8.492, 90.880$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $72, 8.500, 273.859$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 8.559, 92.197$, and $55, 8.511, 89.262$ is the 20% darker color. If you saturate the color by 10%, you get $73, 16.030, 89.633$, and if you desaturate by 10%, it is $77, 1.098, 91.945$.

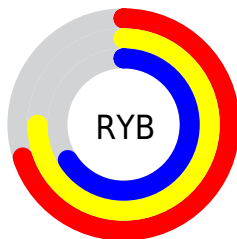
Distribution



Red (75%)

Green (72%)

Blue (66%)



Red (70%)

Yellow (75%)

Blue (66%)

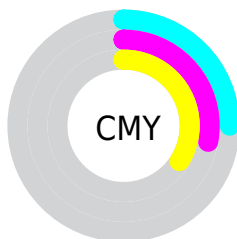


Cyan (0%)

Magenta (4%)

Yellow (12%)

Black (25%)



Cyan (25%)


Magenta (28%)


Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 8.492, 90.880 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, 8.492, 90.880 by changing the saturation by 10% instead.

 75, 8.492, 90.880  75, 8.492, 90.880

 100, 8.492, 90.880  65, 8.492, 90.880

 95, 8.492, 90.880  55, 8.492, 90.880

 45, 8.492, 90.880

 35, 8.492, 90.880

 25, 8.492, 90.880

 15, 8.492, 90.880

 5, 8.492, 90.880

 0, 8.492, 90.880

 75, 8.492, 90.880  75, 8.492, 90.880

73, 16.030, 89.633

77, 1.098, 91.945

71, 23.691, 88.324

79, 6.155, 273.366

69, 31.435, 86.976

81, 13.268,
274.478

67, 39.173, 85.586

83, 20.251,
275.552

65, 46.735, 84.142

64, 53.809, 82.613

85, 22.352,
272.249

62, 59.877, 80.925

87, 20.095,
263.385

60, 64.220, 78.945

59, 66.516, 77.018

88, 18.415,
252.706

90, 17.464,
240.505

92, 17.347,
227.641

Harmonies

Complementary

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



75, 8.492, 90.880



72, 8.500, 273.859

Rectangle

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



75, 8.492, 90.880



75, 8.492, 140.880



75, 8.492, 270.880



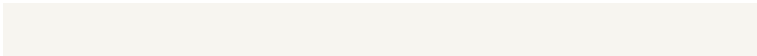
75, 8.492, 320.880

Sweetspot

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



75, 8.493, 90.893



97, 2.699, 91.863



71, 9.267, 354.734



52, 2.066, 91.785



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, 8.493, 90.893



94, 12.772, 90.558



77, 11.852, 115.884



39, 4.128, 91.157



49, 57.837, 77.440



7, 11.218, 81.039

Inverse Universe

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



72, 8.500, 273.859



89, 12.774, 274.248



70, 12.153, 297.586



37, 4.134, 273.562



26, 69.223, 297.003



3, 13.631, 279.494

Previews

White Background



This preview shows how the CIELCh color 75, 8.492, 90.880 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, 8.492, 90.880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

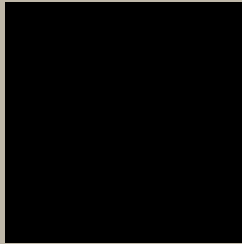
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

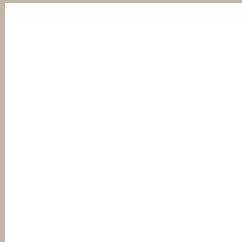
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 8.492, 90.880

Background



This preview shows how black text looks on a background with the CIELCh color 75, 8.492, 90.880.



This preview shows how white text looks on a background with the CIELCh color 75, 8.492, 90.880.

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, 8.492, 90.880

Protanopia

75, 8.622, 88.431

Deuteranopia

75, 12.495, 40.300



Tritanopia
75, 9.844, 324.835

Trichromacy



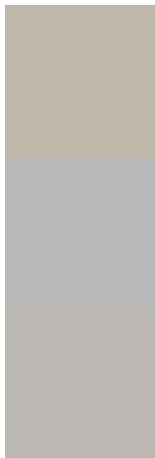
Original Color
75, 8.492, 90.880

Protanomaly
75, 8.622, 88.431

Deuteranomaly
75, 10.110, 51.974

Tritanomaly
75, 5.575, 350.894

Monochromacy



Original Color
75, 8.492, 90.880

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 2.903, 87.031

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 8.492, 90.880 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(191, 184, 169)` looks like.

```
.text, #text, p{  
    color:rgb(191, 184, 169)  
}
```

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(191, 184, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 184, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 8.492, 90.880 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(191, 184, 169) }
```

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

```
.border{ border-color:rgb(191, 184, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 184, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 184, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 184, 169);  
box-shadow:4px 4px 4px 4px rgb(191, 184,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 8.492, 90.880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 184, 169) }
```

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

```
.background{ background-color: rgb(191,  
184, 169) }
```

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