

Converting Colors

CIELCh(75, 8.795, 87.634)

Have a look what the booklet for
CIELCh(75, 8.795, 87.634) contains.

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Color

CIELCh(75, 8.622, 88.431)

Conversions

Conversions Part 1

Format	Color
Hex	C0B8A9
RGB	192, 184, 169
RGB Percent	75%, 72%, 66%
CMY	0.2476, 0.2789, 0.3377
CMYK	0.00, 0.04, 0.12, 0.25
HSL	39°, 15%, 71%
HSV	39°, 12%, 75%
XYZ	45.9698, 48.2781, 44.3709
YIQ	184.6820, 9.5830, -2.9690

Conversions

Conversions Part 2

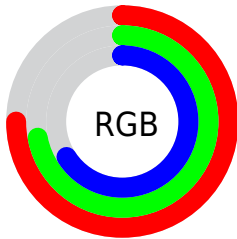
Format	Color
RYB	181, 192, 169
Decimal	12630185
CIELab	75.00, 0.24, 8.62
CIELCh	75, 8.622, 88.431
Yxy	48.2781, 0.3316, 0.3483
Android (android.graphics.Color)	4290820265 (0xFFC0B8A9)
YUV	184.6820, -7.7312, 6.4179
Hunter-Lab	69.4824, -3.4982, 10.7756

Details

The CIELCh color $75, 8.622, 88.431$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $72, 8.594, 271.586$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 8.674, 89.882$, and $55, 8.511, 89.262$ is the 20% darker color. If you saturate the color by 10%, you get $73, 16.007, 87.165$, and if you desaturate by 10%, it is $77, 1.405, 89.548$.

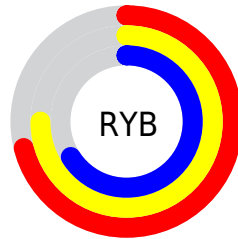
Distribution



Red (75%)

Green (72%)

Blue (66%)



Red (71%)

Yellow (75%)

Blue (66%)

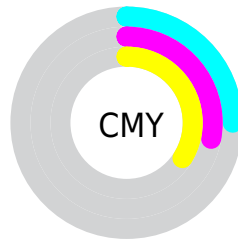


Cyan (0%)

Magenta (4%)

Yellow (12%)

Black (25%)



Cyan (25%)

Magenta (28%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 8.622, 88.431 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, 8.622, 88.431 by changing the saturation by 10% instead.

 75, 8.622, 88.431

 75, 8.622, 88.431

 100, 8.622, 88.431

 65, 8.622, 88.431

 95, 8.622, 88.431

 55, 8.622, 88.431

 45, 8.622, 88.431

 35, 8.622, 88.431

 25, 8.622, 88.431

 15, 8.622, 88.431

 5, 8.622, 88.431

 0, 8.622, 88.431

 75, 8.622, 88.431

 75, 8.622, 88.431

73, 16.007, 87.165

77, 1.405, 89.548

71, 23.544, 85.838

79, 5.651, 270.966

69, 31.200, 84.469

82, 12.552,
272.094

67, 38.892, 83.056

84, 19.308,
273.187

65, 46.458, 81.585

63, 53.592, 80.013

86, 21.186,
269.077

61, 59.771, 78.254

88, 18.967,
258.357

59, 64.251, 76.149

58, 66.606, 74.206

90, 17.546,
245.508

91, 17.098,
231.356

93, 17.676,
217.423

Harmonies

Complementary

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



75, 8.622, 88.431



72, 8.594, 271.586

Rectangle

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



75, 8.622, 88.431



75, 8.622, 138.431



75, 8.622, 268.431



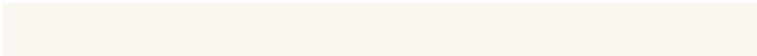
75, 8.622, 318.431

Sweetspot

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



75, 8.623, 88.445



97, 3.528, 89.381



71, 9.773, 353.675



52, 2.510, 89.301



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, 8.623, 88.445



94, 12.518, 88.163



77, 12.359, 115.177



40, 4.099, 88.767



49, 58.399, 74.636



8, 12.354, 76.891

Inverse Universe

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



72, 8.594, 271.586



90, 12.460, 271.914



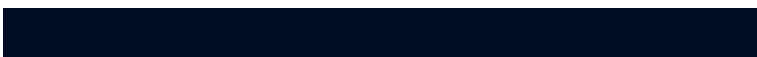
70, 12.689, 297.009



38, 4.092, 271.221



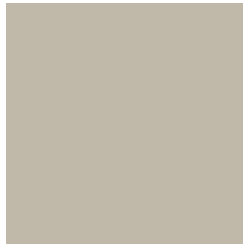
28, 66.907, 295.376



3, 14.894, 279.200

Previews

White Background



This preview shows how the CIELCh color 75, 8.622, 88.431 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, 8.622, 88.431 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

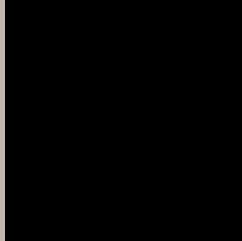
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

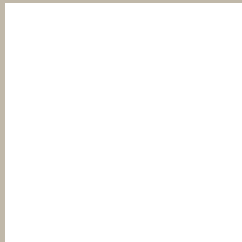
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 8.622, 88.431

Background



This preview shows how black text looks on a background with the CIELCh color 75, 8.622, 88.431.



This preview shows how white text looks on a background with the CIELCh color 75, 8.622, 88.431.

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, 8.622, 88.431

Protanopia

75, 8.622, 88.431

Deuteranopia

75, 12.495, 40.300



Tritanopia
75, 9.407, 326.688

Trichromacy



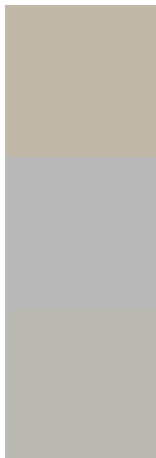
Original Color
75, 8.622, 88.431

Protanomaly
75, 8.622, 88.431

Deuteranomaly
75, 10.110, 51.974

Tritanomaly
75, 5.338, 355.964

Monochromacy



Original Color
75, 8.622, 88.431

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 3.301, 96.684

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 8.622, 88.431 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, 184, 169)` looks like.

```
.text, #text, p{  
    color:rgb(192, 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(192, 184, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 184, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 8.622, 88.431 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, 184, 169) }
```

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

```
.border{ border-color:rgb(192, 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(192, 184, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 184, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 184, 169);  
box-shadow:4px 4px 4px 4px rgb(192, 184,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 8.622, 88.431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 184, 169) }
```

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

```
.background{ background-color: rgb(192,  
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](#).

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