

Converting Colors

CIELCh(75, 13.463, 88.813)

Have a look what the booklet for
CIELCh(75, 13.463, 88.813) contains.

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Color

CIELCh(75, 13.598, 90.378)

Conversions

Conversions Part 1

Format	Color
Hex	C3B8A0
RGB	195, 184, 160
RGB Percent	76%, 72%, 63%
CMY	0.2363, 0.2794, 0.3735
CMYK	0.00, 0.06, 0.18, 0.24
HSL	41°, 23%, 70%
HSV	41°, 18%, 76%
XYZ	45.8554, 48.2781, 40.0496
YIQ	184.5530, 14.2600, -5.1320

Conversions

Conversions Part 2

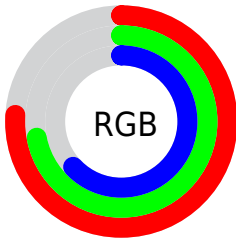
Format	Color
RYB	176, 195, 160
Decimal	12826784
CIELab	75.00, -0.09, 13.60
CIElCh	75, 13.598, 90.378
Yxy	48.2781, 0.3417, 0.3598
Android (android.graphics.Color)	4291016864 (0xFFC3B8A0)
YUV	184.5530, -12.1046, 9.1620
Hunter-Lab	69.4824, -3.7920, 14.4630

Details

The CIELCh color $75, 13.598, 90.378$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $70, 13.604, 275.112$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 13.525, 89.971$, and $55, 13.816, 90.627$ is the 20% darker color. If you saturate the color by 10%, you get $73, 21.361, 89.095$, and if you desaturate by 10%, it is $77, 5.969, 91.623$.

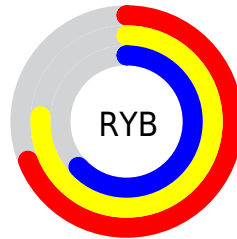
Distribution



Red (76%)

Green (72%)

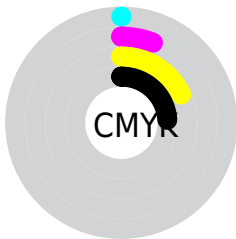
Blue (63%)



Red (69%)

Yellow (76%)

Blue (63%)

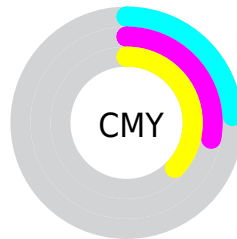


Cyan (0%)

Magenta (6%)

Yellow (18%)

Black (24%)



Cyan (24%)

Magenta (28%)

Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 13.598, 90.378 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, 13.598, 90.378 by changing the saturation by 10% instead.

 75, 13.598, 90.378

 75, 13.598, 90.378

 100, 13.598,
90.378

 65, 13.598, 90.378

 95, 13.598, 90.378

 55, 13.598, 90.378

 45, 13.598, 90.378

 35, 13.598, 90.378

 25, 13.598, 90.378

 15, 13.598, 90.378

 5, 13.598, 90.378

 0, 13.598, 90.378

 75, 13.598, 90.378

 75, 13.598, 90.378

73, 21.361, 89.095

77, 5.969, 91.623

71, 29.222, 87.761

79, 1.520, 273.019

69, 37.109, 86.387

81, 8.866, 274.060

67, 44.883, 84.967

83, 16.075,
275.161

66, 52.282, 83.476

86, 22.090,
275.259

64, 58.857, 81.860

62, 63.932, 80.011

87, 19.656,
266.524

61, 66.944, 77.798

89, 17.784,
255.755

60, 67.488, 77.345

90, 16.650,
243.126

92, 16.389,
229.511

Harmonies

Complementary

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



75, 13.598, 90.378



70, 13.604, 275.112

Rectangle

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



75, 13.598, 90.378



75, 13.598, 140.378



75, 13.598, 270.378



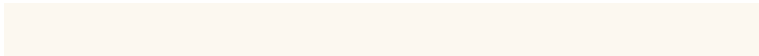
75, 13.598, 320.378

Sweetspot

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



75, 13.599, 90.387



98, 4.608, 91.956



69, 14.735, 356.577



53, 3.172, 91.876



0, 0.000, 0.000



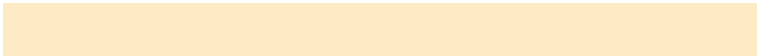
53, 0.007, 296.813

Same Dimension

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



75, 13.599, 90.387



94, 20.642, 89.827



77, 18.786, 116.097



40, 4.237, 91.455



50, 58.546, 77.763



8, 12.742, 81.031

Inverse Universe

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



70, 13.604, 275.112



86, 20.644, 275.820



67, 19.525, 298.751



38, 4.245, 273.862



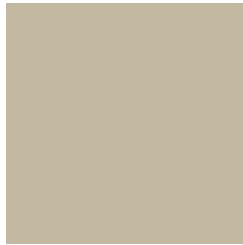
26, 70.557, 297.256



3, 15.321, 280.724

Previews

White Background



This preview shows how the CIELCh color 75, 13.598, 90.378 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, 13.598, 90.378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

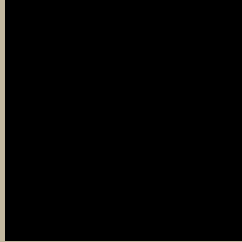
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

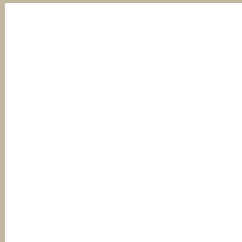
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 13.598, 90.378

Background



This preview shows how black text looks on a background with the CIELCh color 75, 13.598, 90.378.



This preview shows how white text looks on a background with the CIELCh color 75, 13.598, 90.378.

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, 13.598, 90.378

Protanopia

75, 13.476, 91.976

Deuteranopia

75, 16.085, 54.634



Tritanopia
75, 10.613, 334.938

Trichromacy



Original Color
75, 13.598, 90.378

Protanomaly
75, 13.476, 91.976

Deuteranomaly
75, 14.284, 65.314

Tritanomaly
75, 6.050, 19.822

Monochromacy



Original Color
75, 13.598, 90.378

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 5.061, 92.244

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 13.598, 90.378 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(195, 184, 160)` looks like.

```
.text, #text, p{  
    color:rgb(195, 184, 160)  
}
```

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(195, 184, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 184, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 13.598, 90.378 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(195, 184, 160) }
```

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

```
.border{ border-color:rgb(195, 184, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 184, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 184, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 184, 160);  
box-shadow:4px 4px 4px 4px rgb(195, 184,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 13.598, 90.378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 184, 160) }
```

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

```
.background{ background-color: rgb(195,  
184, 160) }
```

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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