

Converting Colors

CIELCh(75, 13.670, 82.243)

Have a look what the booklet for
CIELCh(75, 13.670, 82.243) contains.

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Color

CIELCh(75, 13.715, 83.425)

Conversions

Conversions Part 1

Format	Color
Hex	C6B7A0
RGB	198, 183, 160
RGB Percent	78%, 72%, 63%
CMY	0.2244, 0.2832, 0.3734
CMYK	0.00, 0.08, 0.19, 0.22
HSL	36°, 25%, 70%
HSV	36°, 19%, 78%
XYZ	46.4403, 48.2781, 40.0269
YIQ	184.8630, 16.3230, -3.9730

Conversions

Conversions Part 2

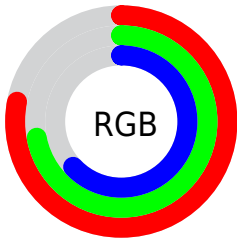
Format	Color
RYB	185, 198, 160
Decimal	13023136
CIELab	75.00, 1.57, 13.62
CIELCh	75, 13.715, 83.425
Yxy	48.2781, 0.3447, 0.3583
Android (android.graphics.Color)	4291213216 (0xFFC6B7A0)
YUV	184.8630, -12.2575, 11.5211
Hunter-Lab	69.4824, -2.2895, 14.4824

Details

The CIELCh color $75, 13.715, 83.425$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $71, 13.456, 268.688$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 13.636, 83.370$, and $55, 13.952, 83.267$ is the 20% darker color. If you saturate the color by 10%, you get $73, 21.167, 82.107$, and if you desaturate by 10%, it is $77, 6.475, 84.709$.

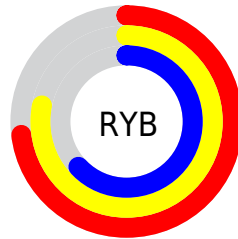
Distribution



Red (78%)

Green (72%)

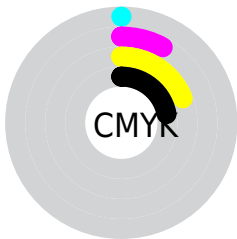
Blue (63%)



Red (73%)

Yellow (78%)

Blue (63%)

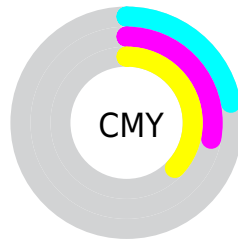


Cyan (0%)

Magenta (8%)

Yellow (19%)

Black (22%)



Cyan (22%)

Magenta (28%)

Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 13.715, 83.425 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, 13.715, 83.425 by changing the saturation by 10% instead.

 75, 13.715, 83.425

 75, 13.715, 83.425

 100, 13.715,
83.425

 65, 13.715, 83.425

 95, 13.715, 83.425

 55, 13.715, 83.425

 45, 13.715, 83.425

 35, 13.715, 83.425

 25, 13.715, 83.425

 15, 13.715, 83.425

 5, 13.715, 83.425

 0, 13.715, 83.425

 75, 13.715, 83.425

 75, 13.715, 83.425

73, 21.167, 82.107

77, 6.475, 84.709

70, 28.812, 80.739

80, 0.557, 266.516

68, 36.599, 79.331

83, 7.393, 267.254

66, 44.409, 77.869

85, 14.048,
268.395

63, 51.999, 76.314

88, 18.812,
266.972

61, 58.919, 74.578

59, 64.443, 72.492

90, 16.546,
252.250

58, 68.068, 69.919

92, 15.609,
234.612

57, 68.350, 69.722

94, 16.196,
216.749

96, 18.123,
201.549

Harmonies

Complementary

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



75, 13.715, 83.425



71, 13.456, 268.688

Rectangle

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



75, 13.715, 83.425



75, 13.715, 133.425



75, 13.715, 263.425



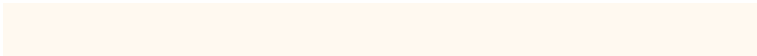
75, 13.715, 313.425

Sweetspot

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



75, 13.716, 83.435



98, 5.159, 85.082



70, 16.689, 351.231



52, 3.426, 85.005



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, 13.716, 83.435



93, 20.311, 82.890



79, 20.187, 112.551



41, 4.007, 84.687



48, 59.225, 70.231



8, 13.365, 71.061

Inverse Universe

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



71, 13.456, 268.688



87, 19.831, 269.396



67, 21.082, 295.885



40, 3.978, 267.196



30, 62.559, 292.403



4, 15.717, 277.789

Previews

White Background



This preview shows how the CIELCh color 75, 13.715, 83.425 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, 13.715, 83.425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

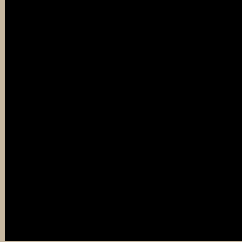
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

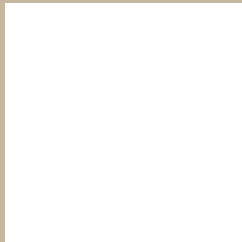
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 13.715, 83.425

Background



This preview shows how black text looks on a background with the CIELCh color 75, 13.715, 83.425.



This preview shows how white text looks on a background with the CIELCh color 75, 13.715, 83.425.

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, 13.715, 83.425

Protanopia

75, 13.476, 91.976

Deuteranopia

75, 16.085, 54.634



Tritanopia
75, 11.714, 340.307

Trichromacy



Original Color
75, 13.715, 83.425

Protanomaly
75, 13.598, 90.378

Deuteranomaly
75, 14.571, 64.191

Tritanomaly
75, 7.598, 19.972

Monochromacy



Original Color
75, 13.715, 83.425

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 4.851, 81.756

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 13.715, 83.425 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(198, 183, 160)` looks like.

```
.text, #text, p{  
    color:rgb(198, 183, 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(198, 183, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 183, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 13.715, 83.425 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(198, 183, 160) }
```

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

```
.border{ border-color:rgb(198, 183, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 183, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 183, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 183, 160);  
box-shadow:4px 4px 4px 4px rgb(198, 183,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 13.715, 83.425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 183, 160) }
```

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

```
.background{ background-color: rgb(198,  
183, 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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