

Converting Colors

CIELCh(75, 11.678, 92.612)

Have a look what the booklet for
CIELCh(75, 11.678, 92.612) contains.

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Color

CIELCh(75, 11.813, 91.780)

Conversions

Conversions Part 1

Format	Color
Hex	C1B8A3
RGB	193, 184, 163
RGB Percent	76%, 72%, 64%
CMY	0.2430, 0.2783, 0.3607
CMYK	0.00, 0.05, 0.16, 0.24
HSL	42°, 19%, 70%
HSV	42°, 16%, 76%
XYZ	45.7582, 48.2781, 41.5696
YIQ	184.2970, 12.1050, -4.6230

Conversions

Conversions Part 2

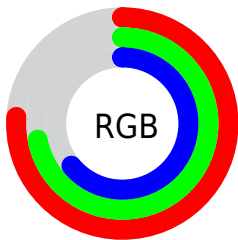
Format	Color
RYB	176, 193, 163
Decimal	12695715
CIELab	75.00, -0.37, 11.81
CIELCh	75, 11.813, 91.780
Yxy	48.2781, 0.3374, 0.3560
Android (android.graphics.Color)	4290885795 (0xFFC1B8A3)
YUV	184.2970, -10.4994, 7.6325
Hunter-Lab	69.4824, -4.0417, 13.1660

Details

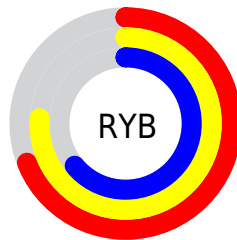
The CIELCh color **75, 11.813, 91.780** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70, 11.849, 275.800**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 11.828, 91.138**, and **55, 11.917, 92.339** is the 20% darker color. If you saturate the color by 10%, you get **73, 19.580, 90.520**, and if you desaturate by 10%, it is **77, 4.170, 92.992**.

Distribution



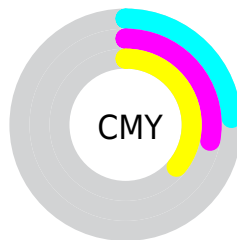
- Red (76%)
- Green (72%)
- Blue (64%)



- Red (69%)
- Yellow (76%)
- Blue (64%)



- Cyan (0%)
- Magenta (5%)
- Yellow (16%)
- Black (24%)



- Cyan (24%)
- Magenta (28%)
- Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 11.813, 91.780 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, 11.813, 91.780 by changing the saturation by 10% instead.

 75, 11.813, 91.780

 75, 11.813, 91.780

 100, 11.813,
91.780

 65, 11.813, 91.780

 95, 11.813, 91.780

 55, 11.813, 91.780

 45, 11.813, 91.780

 35, 11.813, 91.780

 25, 11.813, 91.780

 15, 11.813, 91.780

 5, 11.813, 91.780

 0, 11.813, 91.780

 75, 11.813, 91.780

 75, 11.813, 91.780

73, 19.580, 90.520

77, 4.170, 92.992

71, 27.439, 89.208

79, 3.341, 274.296

69, 35.328, 87.858

81, 10.720,
275.393

68, 43.121, 86.466

83, 17.972,
276.474

66, 50.589, 85.017

64, 57.331, 83.468

85, 22.829,
275.641

63, 62.729, 81.735

87, 20.481,
267.744

61, 66.067, 79.677

61, 67.175, 78.708

88, 18.605,
258.129

90, 17.341,
246.851

91, 16.815,
234.452

Harmonies

Complementary

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



75, 11.813, 91.780



70, 11.849, 275.800

Rectangle

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



75, 11.813, 91.780



75, 11.813, 141.780



75, 11.813, 271.780



75, 11.813, 321.780

Sweetspot

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



75, 11.814, 91.790



97, 4.638, 93.043



70, 12.499, 357.455



52, 3.166, 92.964



99, 0.012, 296.813



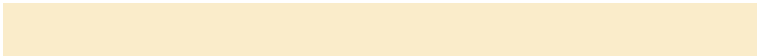
52, 0.007, 296.813

Same Dimension

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



75, 11.814, 91.790



94, 17.872, 91.319



77, 16.174, 116.944



40, 4.298, 92.545



51, 58.670, 79.088



9, 12.927, 82.708

Inverse Universe

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



70, 11.849, 275.800



86, 17.930, 276.376



68, 16.713, 299.144



38, 4.312, 274.929



26, 72.090, 297.992



3, 15.497, 281.317

Previews

White Background



This preview shows how the CIELCh color 75, 11.813, 91.780 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, 11.813, 91.780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

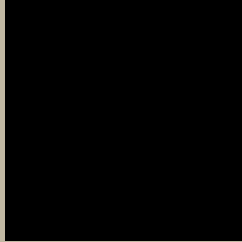
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 11.813, 91.780

Background



This preview shows how black text looks on a background with the CIELCh color 75, 11.813, 91.780.



This preview shows how white text looks on a background with the CIELCh color 75, 11.813, 91.780.

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, 11.813, 91.780

Protanopia

75, 11.813, 91.780

Deuteranopia

75, 14.786, 50.672



Tritanopia
75, 9.860, 330.212

Trichromacy



Original Color
75, 11.813, 91.780

Protanomaly
75, 11.813, 91.780

Deuteranomaly
75, 12.818, 61.887

Tritanomaly
75, 5.753, 9.032

Monochromacy



Original Color
75, 11.813, 91.780

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, 11.813, 91.780 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, 163)` looks like.

```
.text, #text, p{  
    color:rgb(193, 184, 163)  
}
```

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, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 184, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 11.813, 91.780 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, 163) }
```

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

```
.border{ border-color:rgb(193, 184, 163) }
```

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, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 184, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 184, 163);  
box-shadow:4px 4px 4px 4px rgb(193, 184,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 11.813, 91.780 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, 163) }
```

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

```
.background{ background-color: rgb(193,  
184, 163) }
```

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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