

Converting Colors

CIELCh(75, 11.701, 93.730)

Have a look what the booklet for
CIELCh(75, 11.701, 93.730) contains.

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Color

CIELCh(75, 11.703, 93.619)

Conversions

Conversions Part 1

Format	Color
Hex	C0B8A3
RGB	192, 184, 163
RGB Percent	75%, 72%, 64%
CMY	0.2461, 0.2774, 0.3598
CMYK	0.00, 0.04, 0.15, 0.25
HSL	43°, 19%, 70%
HSV	43°, 15%, 75%
XYZ	45.6281, 48.2781, 41.6794
YIQ	183.9980, 11.5090, -4.8350

Conversions

Conversions Part 2

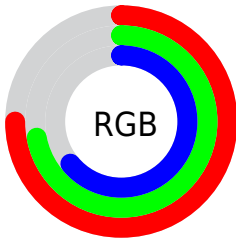
Format	Color
RYB	174, 192, 163
Decimal	12630179
CIELab	75.00, -0.74, 11.68
CIELCh	75, 11.703, 93.619
Yxy	48.2781, 0.3365, 0.3561
Android (android.graphics.Color)	4290820259 (0xFFC0B8A3)
YUV	183.9980, -10.3520, 7.0178
Hunter-Lab	69.4824, -4.3759, 13.0723

Details

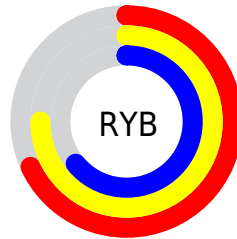
The CIELCh color $75, 11.703, 93.619$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $70, 11.782, 277.451$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 11.718, 92.863$, and $55, 11.804, 94.314$ is the 20% darker color. If you saturate the color by 10%, you get $73, 19.599, 92.381$, and if you desaturate by 10%, it is $77, 3.912, 94.809$.

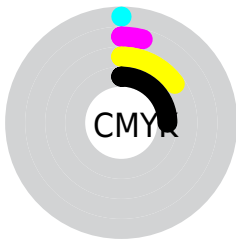
Distribution



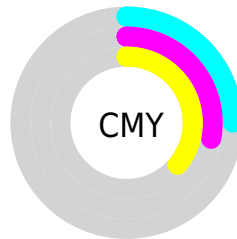
- Red (75%)
- Green (72%)
- Blue (64%)



- Red (68%)
- Yellow (75%)
- Blue (64%)



- Cyan (0%)
- Magenta (4%)
- Yellow (15%)
- Black (25%)



- Cyan (25%)
- Magenta (28%)
- Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 11.703, 93.619 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, 11.703, 93.619 by changing the saturation by 10% instead.

 75, 11.703, 93.619

 75, 11.703, 93.619

 100, 11.703,
93.619

 65, 11.703, 93.619

 95, 11.703, 93.619

 55, 11.703, 93.619

 45, 11.703, 93.619

 35, 11.703, 93.619

 25, 11.703, 93.619

 15, 11.703, 93.619

 5, 11.703, 93.619

 0, 11.703, 93.619

 75, 11.703, 93.619

 75, 11.703, 93.619

73, 19.599, 92.381

77, 3.912, 94.809

71, 27.563, 91.094

79, 3.764, 276.080

70, 35.528, 89.771

81, 11.321,
277.166

68, 43.365, 88.411

83, 18.762,
278.229

67, 50.837, 87.004

65, 57.547, 85.515

84, 23.876,
277.675

64, 62.890, 83.877

86, 21.601,
271.020

62, 66.167, 81.969

61, 67.297, 80.974

87, 19.675,
263.007

89, 18.201,
253.563

90, 17.283,
242.878

Harmonies

Complementary

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



75, 11.703, 93.619



70, 11.782, 277.451

Rectangle

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



75, 11.703, 93.619



75, 11.703, 143.619



75, 11.703, 273.619



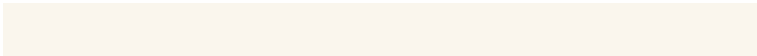
75, 11.703, 323.619

Sweetspot

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



75, 11.704, 93.629



97, 4.756, 94.810



70, 11.993, 358.574



52, 3.247, 94.731



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, 11.704, 93.629



94, 17.318, 93.235



77, 15.683, 117.646



40, 4.406, 94.317



52, 58.965, 81.313



9, 13.266, 85.426

Inverse Universe

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



70, 11.782, 277.451



87, 17.452, 277.929



68, 16.184, 299.713



38, 4.430, 276.659



25, 74.640, 299.153



3, 15.797, 282.286

Previews

White Background



This preview shows how the CIELCh color 75, 11.703, 93.619 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, 11.703, 93.619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

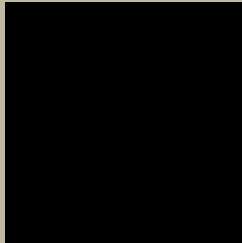
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

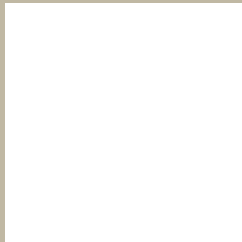
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 11.703, 93.619

Background



This preview shows how black text looks on a background with the CIELCh color 75, 11.703, 93.619.



This preview shows how white text looks on a background with the CIELCh color 75, 11.703, 93.619.

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, 11.703, 93.619

Protanopia

75, 11.813, 91.780

Deuteranopia

75, 14.490, 48.936



Tritanopia
75, 9.629, 328.489

Trichromacy



Original Color
75, 11.703, 93.619

Protanomaly
75, 11.813, 91.780

Deuteranomaly
75, 12.818, 61.887

Tritanomaly
75, 4.921, 13.443

Monochromacy



Original Color
75, 11.703, 93.619

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, 11.703, 93.619 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, 163)` looks like.

```
.text, #text, p{  
    color:rgb(192, 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(192, 184, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 184, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 11.703, 93.619 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, 163) }
```

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

```
.border{ border-color:rgb(192, 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(192, 184, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 184, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 184, 163);  
box-shadow:4px 4px 4px 4px rgb(192, 184,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 11.703, 93.619 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, 163) }
```

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

```
.background{ background-color: rgb(192,  
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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