

Converting Colors

CIELCh(75, 10.925, 81.582)

Have a look what the booklet for
CIELCh(75, 10.925, 81.582) contains.

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Color

CIELCh(75, 10.925, 81.583)

Conversions

Conversions Part 1

Format	Color
Hex	C4B7A5
RGB	196, 183, 165
RGB Percent	77%, 72%, 65%
CMY	0.2317, 0.2826, 0.3532
CMYK	0.00, 0.07, 0.16, 0.23
HSL	35°, 21%, 71%
HSV	35°, 16%, 77%
XYZ	46.4504, 48.2781, 42.4350
YIQ	184.8350, 13.5260, -2.8420

Conversions

Conversions Part 2

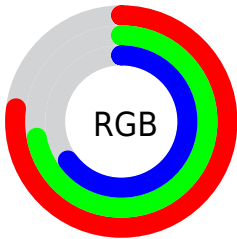
Format	Color
RYB	187, 196, 165
Decimal	12892069
CIELab	75.00, 1.60, 10.81
CIELCh	75, 10.925, 81.583
Yxy	48.2781, 0.3386, 0.3520
Android (android.graphics.Color)	4291082149 (0xFFC4B7A5)
YUV	184.8350, -9.7787, 9.7917
Hunter-Lab	69.4824, -2.2634, 12.4275

Details

The CIELCh color **75, 10.925, 81.583** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72, 10.704, 265.873**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 10.992, 81.446**, and **55, 10.970, 81.576** is the 20% darker color. If you saturate the color by 10%, you get **72, 18.135, 80.288**, and if you desaturate by 10%, it is **78, 3.949, 82.828**.

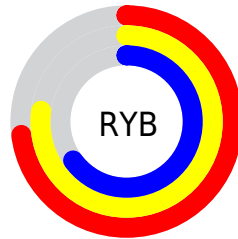
Distribution



Red (77%)

Green (72%)

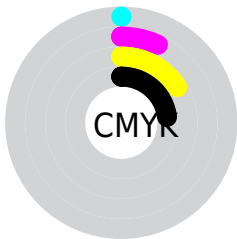
Blue (65%)



Red (73%)

Yellow (77%)

Blue (65%)

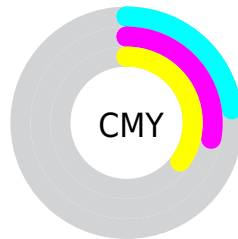


Cyan (0%)

Magenta (7%)

Yellow (16%)

Black (23%)



Cyan (23%)

Magenta (28%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 10.925, 81.583 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, 10.925, 81.583 by changing the saturation by 10% instead.

■ 75, 10.925, 81.583

■ 75, 10.925, 81.583

■ 100, 10.925,
81.583

■ 65, 10.925, 81.583

■ 95, 10.925, 81.583

■ 55, 10.925, 81.583

■ 45, 10.925, 81.583

■ 35, 10.925, 81.583

■ 25, 10.925, 81.583

■ 15, 10.925, 81.583

■ 5, 10.925, 81.583

■ 0, 10.925, 81.583

■ 75, 10.925, 81.583

■ 75, 10.925, 81.583

72, 18.135, 80.288

78, 3.949, 82.828

70, 25.575, 78.941

80, 2.806, 264.251

68, 33.216, 77.560

83, 9.355, 265.372

65, 40.976, 76.134

86, 15.717,
266.506

63, 48.678, 74.634

88, 18.321,
261.561

61, 55.970, 72.988

59, 62.232, 71.047

90, 16.457,
245.090

57, 66.624, 68.563

92, 16.154,
226.539

56, 68.171, 67.474

95, 17.450,
209.240

96, 19.335,
198.229

Harmonies

Complementary

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



75, 10.925, 81.583



72, 10.704, 265.873

Rectangle

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



75, 10.925, 81.583



75, 10.925, 131.583



75, 10.925, 261.583



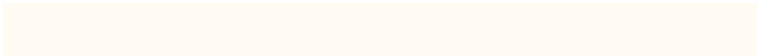
75, 10.925, 311.583

Sweetspot

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



75, 10.926, 81.595



98, 4.196, 82.910



71, 13.847, 348.822



52, 2.867, 82.831



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, 10.926, 81.595



94, 16.348, 81.145



78, 16.490, 111.445



40, 3.838, 82.408



46, 58.768, 68.030



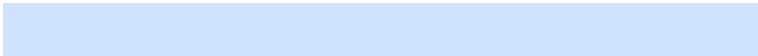
7, 11.777, 67.855

Inverse Universe

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



72, 10.704, 265.873



90, 15.930, 266.434



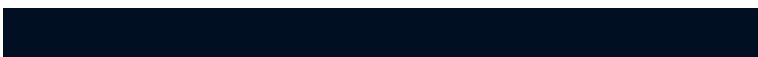
69, 17.090, 294.317



39, 3.799, 264.921



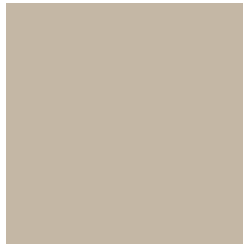
31, 59.073, 290.563



4, 13.936, 275.264

Previews

White Background



This preview shows how the CIELCh color 75, 10.925, 81.583 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, 10.925, 81.583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

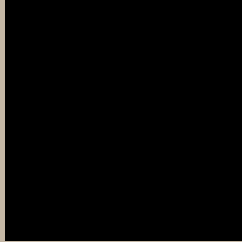
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 10.925, 81.583

Background



This preview shows how black text looks on a background with the CIELCh color 75, 10.925, 81.583.



This preview shows how white text looks on a background with the CIELCh color 75, 10.925, 81.583.

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, 10.925, 81.583

Protanopia

75, 10.152, 91.443

Deuteranopia

75, 13.850, 47.860



Tritanopia
75, 10.876, 336.374

Trichromacy



Original Color
75, 10.925, 81.583

Protanomaly
75, 10.278, 89.366

Deuteranomaly
75, 12.083, 58.320

Tritanomaly
75, 7.355, 7.306

Monochromacy



Original Color
75, 10.925, 81.583

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 3.722, 79.372

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 10.925, 81.583 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(196, 183, 165)` looks like.

```
.text, #text, p{  
    color:rgb(196, 183, 165)  
}
```

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(196, 183, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 183, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 10.925, 81.583 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(196, 183, 165) }
```

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

```
.border{ border-color:rgb(196, 183, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 183, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 183, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 183, 165);  
box-shadow:4px 4px 4px 4px rgb(196, 183,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 10.925, 81.583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 183, 165) }
```

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

```
.background{ background-color: rgb(196,  
183, 165) }
```

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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