

Converting Colors

CIELCh(75, 10.709, 89.290)

Have a look what the booklet for
CIELCh(75, 10.709, 89.290) contains.

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Color

CIELCh(75, 10.787, 90.252)

Conversions

Conversions Part 1

Format	Color
Hex	C1B8A5
RGB	193, 184, 165
RGB Percent	76%, 72%, 65%
CMY	0.2435, 0.2788, 0.3533
CMYK	0.00, 0.05, 0.15, 0.24
HSL	41°, 18%, 70%
HSV	41°, 15%, 76%
XYZ	45.8702, 48.2781, 42.4528
YIQ	184.5250, 11.4630, -4.0010

Conversions

Conversions Part 2

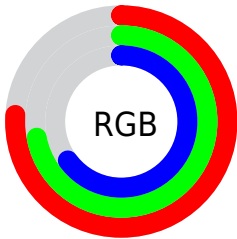
Format	Color
RYB	178, 193, 165
Decimal	12695717
CIELab	75.00, -0.05, 10.79
CIELCh	75, 10.787, 90.252
Yxy	48.2781, 0.3358, 0.3534
Android (android.graphics.Color)	4290885797 (0xFFC1B8A5)
YUV	184.5250, -9.6258, 7.4326
Hunter-Lab	69.4824, -3.7539, 12.4123

Details

The CIELCh color $75, 10.787, 90.252$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $71, 10.784, 274.042$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 10.855, 89.591$, and $55, 10.822, 90.856$ is the 20% darker color. If you saturate the color by 10%, you get $73, 18.403, 88.983$, and if you desaturate by 10%, it is $77, 3.316, 91.461$.

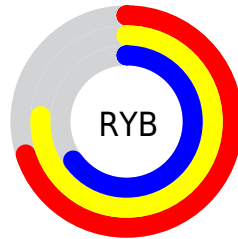
Distribution



Red (76%)

Green (72%)

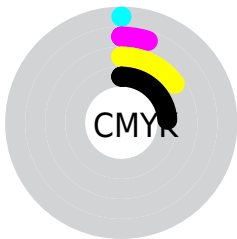
Blue (65%)



Red (70%)

Yellow (76%)

Blue (65%)

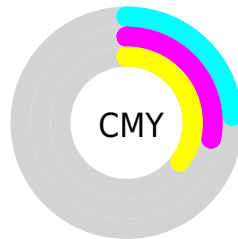


Cyan (0%)

Magenta (5%)

Yellow (15%)

Black (24%)



Cyan (24%)

Magenta (28%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 10.787, 90.252 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, 10.787, 90.252 by changing the saturation by 10% instead.

■ 75, 10.787, 90.252

■ 75, 10.787, 90.252

■ 100, 10.787,
90.252

■ 65, 10.787, 90.252

■ 95, 10.787, 90.252

■ 55, 10.787, 90.252

■ 45, 10.787, 90.252

■ 35, 10.787, 90.252

■ 25, 10.787, 90.252

■ 15, 10.787, 90.252

■ 5, 10.787, 90.252

■ 0, 10.787, 90.252

■ 75, 10.787, 90.252

■ 75, 10.787, 90.252

73, 18.403, 88.983

77, 3.316, 91.461

71, 26.137, 87.659

79, 4.010, 272.785

69, 33.938, 86.295

81, 11.192,
273.898

67, 41.699, 84.887

84, 18.239,
274.989

65, 49.211, 83.418

64, 56.107, 81.844

86, 22.016,
273.101

62, 61.792, 80.074

87, 19.677,
263.981

60, 65.517, 77.954

59, 66.961, 76.689

89, 17.944,
252.876

90, 16.987,
240.099

92, 16.919,
226.641

Harmonies

Complementary

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



75, 10.787, 90.252



71, 10.784, 274.042

Rectangle

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



75, 10.787, 90.252



75, 10.787, 140.252



75, 10.787, 270.252



75, 10.787, 320.252

Sweetspot

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



75, 10.788, 90.263



97, 3.624, 91.508



70, 11.835, 355.057



52, 2.578, 91.428



99, 0.012, 296.813



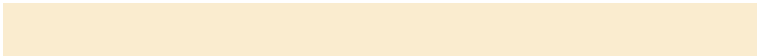
52, 0.007, 296.813

Same Dimension

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



75, 10.788, 90.263



94, 15.637, 89.916



77, 15.047, 115.666



40, 4.207, 90.897



50, 58.497, 77.097



8, 12.654, 80.171

Inverse Universe

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



71, 10.784, 274.042



88, 15.622, 274.459



69, 15.527, 297.842



38, 4.211, 273.315



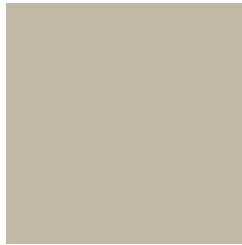
27, 69.783, 296.874



3, 15.231, 280.414

Previews

White Background



This preview shows how the CIELCh color 75, 10.787, 90.252 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, 10.787, 90.252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

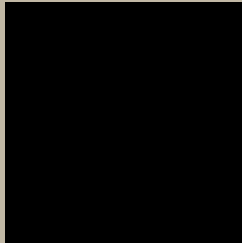
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

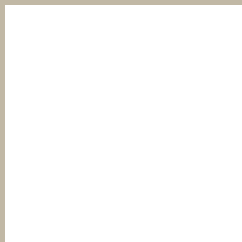
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 10.787, 90.252

Background



This preview shows how black text looks on a background with the CIELCh color 75, 10.787, 90.252.



This preview shows how white text looks on a background with the CIELCh color 75, 10.787, 90.252.

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, 10.787, 90.252

Protanopia

75, 10.667, 92.244

Deuteranopia

75, 13.850, 47.860



Tritanopia
75, 9.860, 330.212

Trichromacy



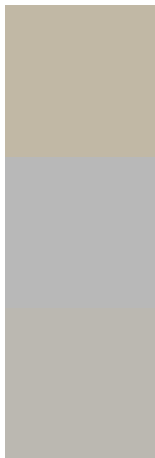
Original Color
75, 10.787, 90.252

Protanomaly
75, 10.667, 92.244

Deuteranomaly
75, 11.772, 59.515

Tritanomaly
75, 5.753, 9.032

Monochromacy



Original Color
75, 10.787, 90.252

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 3.920, 93.006

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 10.787, 90.252 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, 165)` looks like.

```
.text, #text, p{  
    color:rgb(193, 184, 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(193, 184, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 184, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 10.787, 90.252 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, 165) }
```

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

```
.border{ border-color:rgb(193, 184, 165) }
```

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, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 184, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 184, 165);  
box-shadow:4px 4px 4px 4px rgb(193, 184,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 10.787, 90.252 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, 165) }
```

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

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