

Converting Colors

CIELCh(75, 14.110, 90.993)

Have a look what the booklet for
CIELCh(75, 14.110, 90.993) contains.

CIELCh(75, 14.110, 90.989)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(75, 14.110, 90.989)

Conversions

Conversions Part 1

Format	Color
Hex	C3B89F
RGB	195, 184, 159
RGB Percent	76%, 72%, 62%
CMY	0.2360, 0.2791, 0.3772
CMYK	0.00, 0.06, 0.18, 0.24
HSL	42°, 23%, 69%
HSV	42°, 18%, 76%
XYZ	45.8015, 48.2781, 39.6233
YIQ	184.4390, 14.5810, -5.4430

Conversions

Conversions Part 2

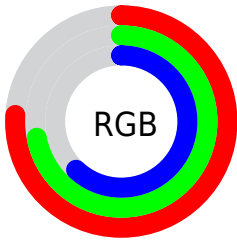
Format	Color
RYB	175, 195, 159
Decimal	12826783
CIELab	75.00, -0.24, 14.11
CIElCh	75, 14.110, 90.989
Yxy	48.2781, 0.3426, 0.3611
Android (android.graphics.Color)	4291016863 (0xFFC3B89F)
YUV	184.4390, -12.5414, 9.2620
Hunter-Lab	69.4824, -3.9306, 14.8268

Details

The CIELCh color **75, 14.110, 90.989** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **69, 14.140, 275.842**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 14.011, 90.593**, and **55, 13.816, 90.627** is the 20% darker color. If you saturate the color by 10%, you get **73, 21.933, 89.710**, and if you desaturate by 10%, it is **77, 6.411, 92.232**.

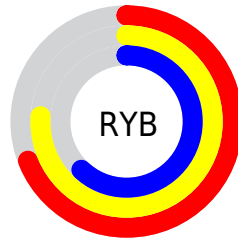
Distribution



Red (76%)

Green (72%)

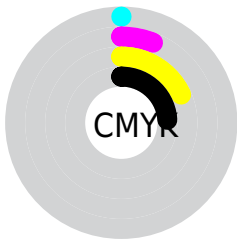
Blue (62%)



Red (69%)

Yellow (76%)

Blue (62%)

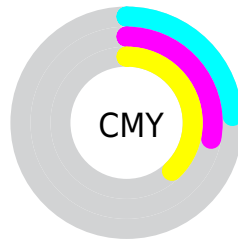


Cyan (0%)

Magenta (6%)

Yellow (18%)

Black (24%)



Cyan (24%)

Magenta (28%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 14.110, 90.989 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, 14.110, 90.989 by changing the saturation by 10% instead.

■ 75, 14.110, 90.989

■ 75, 14.110, 90.989

■ 100, 14.110,
90.989

■ 65, 14.110, 90.989

■ 95, 14.110, 90.989

■ 55, 14.110, 90.989

■ 45, 14.110, 90.989

■ 35, 14.110, 90.989

■ 25, 14.110, 90.989

■ 15, 14.110, 90.989

■ 5, 14.110, 90.989

■ 0, 14.110, 90.989

■ 75, 14.110, 90.989

■ 75, 14.110, 90.989

73, 21.933, 89.710

77, 6.411, 92.232

71, 29.842, 88.381

79, 1.153, 273.662

69, 37.759, 87.013

81, 8.580, 274.659

68, 45.536, 85.599

83, 15.874,
275.756

66, 52.898, 84.116

85, 22.428,
276.285

64, 59.383, 82.510

63, 64.306, 80.675

87, 19.994,
268.058

61, 67.180, 78.500

88, 18.066,
257.923

61, 67.579, 78.168

90, 16.806,
245.946

91, 16.353,
232.798

Harmonies

Complementary

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



75, 14.110, 90.989



69, 14.140, 275.842

Rectangle

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



75, 14.110, 90.989



75, 14.110, 140.989



75, 14.110, 270.989



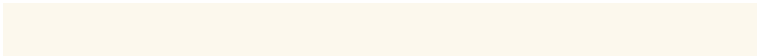
75, 14.110, 320.989

Sweetspot

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



75, 14.111, 90.998



98, 5.587, 92.510



69, 15.169, 356.636



52, 3.739, 92.433



0, 0.000, 0.000



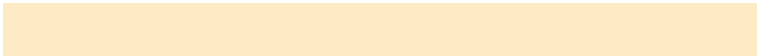
53, 0.007, 296.813

Same Dimension

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



75, 14.111, 90.998



94, 20.810, 90.505



77, 19.320, 116.061



40, 4.274, 92.125



51, 58.618, 78.574



8, 12.854, 82.062

Inverse Universe

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



69, 14.140, 275.842



85, 20.857, 276.467



67, 20.102, 298.796



38, 4.286, 274.518



26, 71.496, 297.711



3, 15.429, 281.089

Previews

White Background



This preview shows how the CIELCh color 75, 14.110, 90.989 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, 14.110, 90.989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

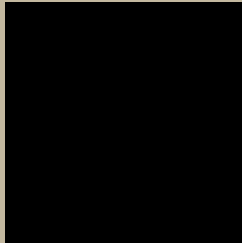
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 14.110, 90.989

Background



This preview shows how black text looks on a background with the CIELCh color 75, 14.110, 90.989.



This preview shows how white text looks on a background with the CIELCh color 75, 14.110, 90.989.

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, 14.110, 90.989

Protanopia

75, 13.992, 92.536

Deuteranopia

75, 16.425, 56.078



Tritanopia
75, 10.613, 334.938

Trichromacy



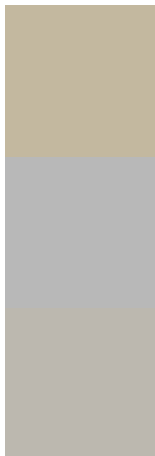
Original Color
75, 14.110, 90.989

Protanomaly
75, 13.992, 92.536

Deuteranomaly
75, 14.692, 66.672

Tritanomaly
75, 6.050, 19.822

Monochromacy



Original Color
75, 14.110, 90.989

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 5.061, 92.244

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 14.110, 90.989 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(195, 184, 159)` looks like.

```
.text, #text, p{  
    color:rgb(195, 184, 159)  
}
```

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(195, 184, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 184, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 14.110, 90.989 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(195, 184, 159) }
```

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

```
.border{ border-color:rgb(195, 184, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 184, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 184, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 184, 159);  
box-shadow:4px 4px 4px 4px rgb(195, 184,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 14.110, 90.989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 184, 159) }
```

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

```
.background{ background-color: rgb(195,  
184, 159) }
```

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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