

Converting Colors

CIELCh(75, 14.554, 87.717)

Have a look what the booklet for
CIELCh(75, 14.554, 87.717) contains.

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Color

CIELCh(75, 14.542, 86.491)

Conversions

Conversions Part 1

Format	Color
Hex	C5B79E
RGB	197, 183, 158
RGB Percent	77%, 72%, 62%
CMY	0.2270, 0.2818, 0.3799
CMYK	0.00, 0.07, 0.20, 0.23
HSL	38°, 25%, 70%
HSV	38°, 20%, 77%
XYZ	46.2000, 48.2781, 39.2856
YIQ	184.3360, 16.3690, -4.8070

Conversions

Conversions Part 2

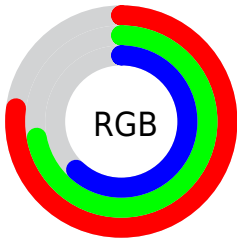
Format	Color
R_{YB}	180, 197, 158
Decimal	12957598
CIE _{Lab}	75.00, 0.89, 14.51
CIE _{LCh}	75, 14.542, 86.491
Yxy	48.2781, 0.3454, 0.3609
Android (android.graphics.Color)	4291147678 (0xFFC5B79E)
YUV	184.3360, -12.9836, 11.1063
Hunter-Lab	69.4824, -2.9068, 15.1149

Details

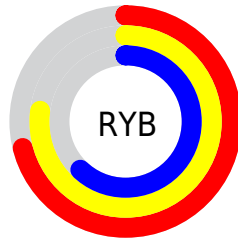
The CIELCh color $75, 14.542, 86.491$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $70, 14.393, 271.867$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 14.421, 86.344$, and $55, 14.298, 85.683$ is the 20% darker color. If you saturate the color by 10%, you get $73, 22.157, 85.175$, and if you desaturate by 10%, it is $77, 7.102, 87.772$.

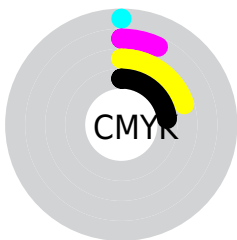
Distribution



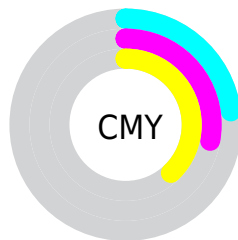
- Red (77%)
- Green (72%)
- Blue (62%)



- Red (71%)
- Yellow (77%)
- Blue (62%)



- Cyan (0%)
- Magenta (7%)
- Yellow (20%)
- Black (23%)



- Cyan (23%)
- Magenta (28%)
- Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 14.542, 86.491 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, 14.542, 86.491 by changing the saturation by 10% instead.

 75, 14.542, 86.491

 75, 14.542, 86.491

 100, 14.542,
86.491

 65, 14.542, 86.491

 95, 14.542, 86.491

 55, 14.542, 86.491

 45, 14.542, 86.491

 35, 14.542, 86.491

 25, 14.542, 86.491

 15, 14.542, 86.491

 5, 14.542, 86.491

 0, 14.542, 86.491

 75, 14.542, 86.491

 75, 14.542, 86.491

73, 22.157, 85.175

77, 7.102, 87.772

71, 29.918, 83.808

80, 0.162, 270.643

68, 37.757, 82.399

82, 7.252, 270.288

66, 45.535, 80.934

84, 14.180,
271.419

64, 52.981, 79.378

87, 20.139,
271.543

63, 59.616, 77.650

89, 17.671,
259.727

61, 64.707, 75.600

59, 67.904, 73.135

90, 16.141,
245.080

59, 67.972, 73.084

92, 15.796,
228.802

94, 16.681,
213.192

Harmonies

Complementary

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



75, 14.542, 86.491



70, 14.393, 271.867

Rectangle

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



75, 14.542, 86.491



75, 14.542, 136.491



75, 14.542, 266.491



75, 14.542, 316.491

Sweetspot

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



75, 14.543, 86.500



98, 5.337, 88.216



69, 16.851, 353.434



52, 3.544, 88.138



0, 0.000, 0.000



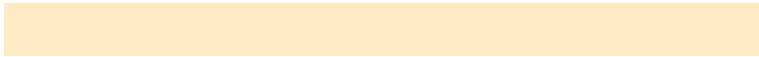
53, 0.007, 296.813

Same Dimension

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



75, 14.543, 86.500



93, 21.861, 85.898



78, 20.784, 113.898



41, 4.143, 87.821



49, 59.078, 73.546



9, 13.685, 75.586

Inverse Universe

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



70, 14.393, 271.867



86, 21.573, 272.650



67, 21.721, 297.134



39, 4.130, 270.297



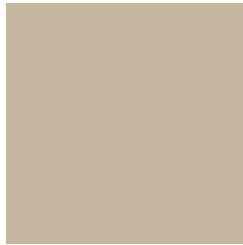
29, 66.530, 294.744



4, 16.271, 279.715

Previews

White Background



This preview shows how the CIELCh color 75, 14.542, 86.491 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, 14.542, 86.491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

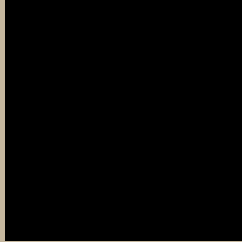
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 14.542, 86.491

Background



This preview shows how black text looks on a background with the CIELCh color 75, 14.542, 86.491.



This preview shows how white text looks on a background with the CIELCh color 75, 14.542, 86.491.

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, 14.542, 86.491

Protanopia

75, 13.992, 92.536

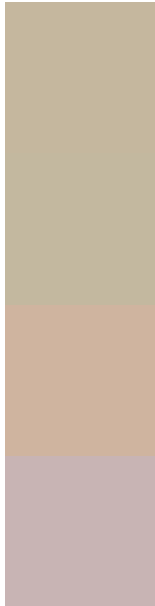
Deuteranopia

75, 17.104, 56.645



Tritanopia
75, 11.714, 340.307

Trichromacy



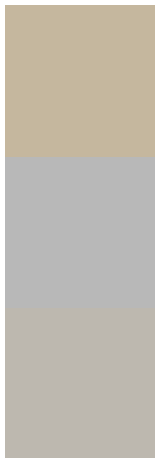
Original Color
75, 14.542, 86.491

Protanomaly
75, 14.110, 90.989

Deuteranomaly
75, 15.662, 65.760

Tritanomaly
75, 7.598, 19.972

Monochromacy



Original Color
75, 14.542, 86.491

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 5.186, 88.211

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 14.542, 86.491 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(197, 183, 158)` looks like.

```
.text, #text, p{  
    color:rgb(197, 183, 158)  
}
```

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(197, 183, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 183, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 14.542, 86.491 is called "border". The border property can be set on classes, ids or directly on the HTML element.

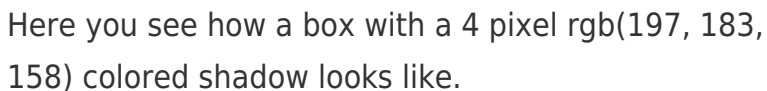
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 183, 158) }
```

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

```
.border{ border-color:rgb(197, 183, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 183, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 183, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 183, 158);  
box-shadow:4px 4px 4px 4px rgb(197, 183,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 14.542, 86.491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 183, 158) }
```

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

```
.background{ background-color: rgb(197,  
183, 158) }
```

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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