

Converting Colors

CIELCh(75, 34.482, 140.295)

Have a look what the booklet for
CIELCh(75, 34.482, 140.295)
contains.

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Color

CIELCh(75, 34.482, 140.295)

Conversions

Conversions Part 1

Format	Color
Hex	94C58F
RGB	148, 197, 143
RGB Percent	58%, 77%, 56%
CMY	0.4192, 0.2270, 0.4388
CMYK	0.25, 0.00, 0.27, 0.23
HSL	114°, 32%, 67%
HSV	114°, 27%, 77%
XYZ	37.1920, 48.2781, 33.3887
YIQ	176.1930, -11.8700, -27.1820

Conversions

Conversions Part 2

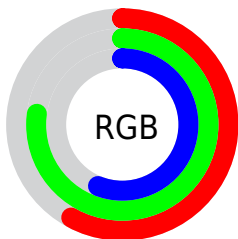
Format	Color
RYB	143, 197, 192
Decimal	9749903
CIELab	75.00, -26.53, 22.03
CIElCh	75, 34.482, 140.295
Yxy	48.2781, 0.3129, 0.4062
Android (android.graphics.Color)	4287939983 (0xFF94C58F)
YUV	176.1930, -16.3641, -24.7253
Hunter-Lab	69.4824, -26.0483, 20.1469

Details

The CIELCh color **75, 34.482, 140.295** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **66, 34.664, 323.246**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 34.558, 140.285**, and **55, 34.626, 140.087** is the 20% darker color. If you saturate the color by 10%, you get **74, 46.891, 139.531**, and if you desaturate by 10%, it is **77, 21.873, 140.972**.

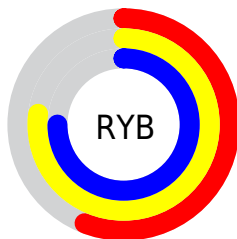
Distribution



Red (58%)

Green (77%)

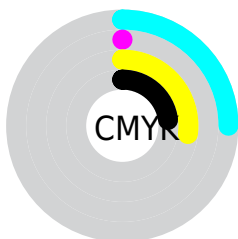
Blue (56%)



Red (56%)

Yellow (77%)

Blue (75%)

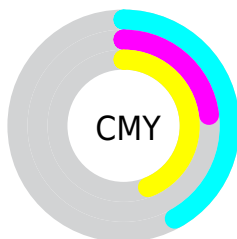


Cyan (25%)

Magenta (0%)

Yellow (27%)

Black (23%)



Cyan (42%)


Magenta (23%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 34.482, 140.295 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, 34.482, 140.295 by changing the saturation by 10% instead.


 75, 34.482,
140.295


 75, 34.482,
140.295


 100, 34.482,
140.295


 65, 34.482,
140.295


 95, 34.482,
140.295

 55, 34.482,
140.295

 45, 34.482,
140.295

 35, 34.482,
140.295

 25, 34.482,
140.295

 15, 34.482,
140.295

 5, 34.482, 140.295

0, 34.482, 140.295

75, 34.482,
140.295

75, 34.482,
140.295

74, 46.891,
139.531

77, 21.873,
140.972

73, 58.836,
138.688

78, 9.252, 141.570

72, 69.982,
137.804

80, 3.239, 321.972

82, 15.501,
322.454

71, 79.903,
136.947

84, 27.470,
322.822

70, 88.087,
136.227

86, 36.302,
325.686

70, 94.023,
135.778

■ 70, 97.474,
135.666

■ 70, 98.143,
135.622

Harmonies

Complementary

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



75, 34.482, 140.295



66, 34.664, 323.246

Rectangle

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



75, 34.482, 140.295



75, 34.482, 190.295



75, 34.482, 320.295



75, 34.482, 10.295

Sweetspot

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



75, 34.484, 140.296



98, 12.335, 141.528



77, 25.904, 102.912



52, 8.776, 141.440



0, 0.000, 0.000



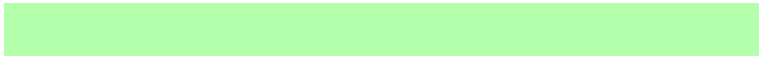
53, 0.007, 296.813

Same Dimension

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



75, 34.484, 140.296



93, 51.102, 139.839



75, 26.506, 156.309



41, 7.153, 141.455



58, 85.226, 135.547



11, 25.915, 141.811

Inverse Universe

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



66, 34.664, 323.246



80, 51.393, 323.532



65, 27.030, 340.842



39, 7.176, 322.359



36, 83.253, 324.668



4, 25.686, 323.217

Previews

White Background



This preview shows how the CIELCh color 75, 34.482, 140.295 looks on a white background.

Color Contrast Check

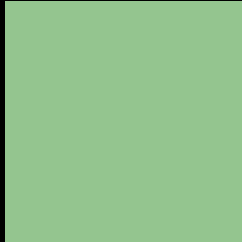
Large Text (above 18pt) WCAG AA × Fail

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, 34.482, 140.295 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

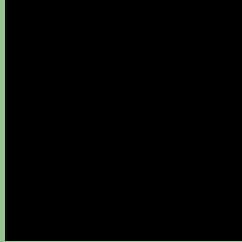
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 34.482, 140.295

Background



This preview shows how black text looks on a background with the CIELCh color 75, 34.482, 140.295.



This preview shows how white text looks on a background with the CIELCh color 75, 34.482, 140.295.

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, 34.482, 140.295

Protanopia
75, 25.721, 95.788

Deuteranopia
75, 22.314, 65.980



Tritanopia
75, 12.871, 238.000

Trichromacy



Original Color
75, 34.482, 140.295

Protanomaly
75, 26.949, 116.196

Deuteranomaly
74, 20.518, 101.458

Tritanomaly
75, 14.431, 176.272

Monochromacy



Original Color
75, 34.482, 140.295

Achromatopsia
72, 0.009, 296.813

Achromatomaly
73, 12.850, 141.170

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 34.482, 140.295 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(148, 197, 143)` looks like.

```
.text, #text, p{  
    color:rgb(148, 197, 143)  
}
```

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(148, 197, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 197, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 34.482, 140.295 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(148, 197, 143) }
```

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

```
.border{ border-color:rgb(148, 197, 143) }
```

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

Here you see how a box with a 4 pixel rgb(148, 197, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 197, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 197, 143);  
box-shadow:4px 4px 4px 4px rgb(148, 197,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 34.482, 140.295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 197, 143) }
```

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

```
.background{ background-color: rgb(148,  
197, 143) }
```

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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