

Converting Colors

CIELCh(75, 33.396, 140.486)

Have a look what the booklet for
CIELCh(75, 33.396, 140.486)
contains.

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Color

CIELCh(75, 33.376, 140.770)

Conversions

Conversions Part 1

Format	Color
Hex	95C591
RGB	149, 197, 145
RGB Percent	58%, 77%, 57%
CMY	0.4163, 0.2280, 0.4319
CMYK	0.24, 0.00, 0.26, 0.23
HSL	115°, 31%, 67%
HSV	115°, 26%, 77%
XYZ	37.3983, 48.2781, 34.0767
YIQ	176.7200, -11.9160, -26.3480

Conversions

Conversions Part 2

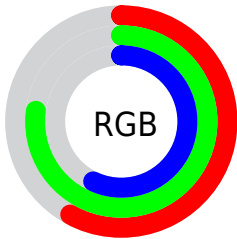
Format	Color
RYB	145, 197, 193
Decimal	9815441
CIELab	75.00, -25.85, 21.11
CIELCh	75, 33.376, 140.770
Yxy	48.2781, 0.3123, 0.4031
Android (android.graphics.Color)	4288005521 (0xFF95C591)
YUV	176.7200, -15.6380, -24.3104
Hunter-Lab	69.4824, -25.5183, 19.5597

Details

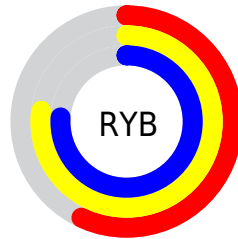
The CIELCh color **75, 33.376, 140.770** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **66, 33.518, 323.660**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 33.497, 140.718**, and **55, 33.472, 140.616** is the 20% darker color. If you saturate the color by 10%, you get **74, 45.858, 139.993**, and if you desaturate by 10%, it is **77, 20.709, 141.455**.

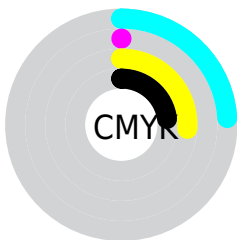
Distribution



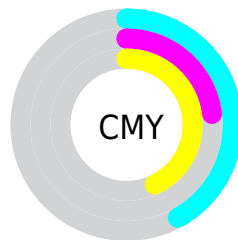
- Red (58%)
- Green (77%)
- Blue (57%)



- Red (57%)
- Yellow (77%)
- Blue (76%)



- Cyan (24%)
- Magenta (0%)
- Yellow (26%)
- Black (23%)





- Cyan (42%)
- Magenta (23%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 33.376, 140.770 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, 33.376, 140.770 by changing the saturation by 10% instead.


 75, 33.376,
140.770


 75, 33.376,
140.770


 100, 33.376,
140.770


 65, 33.376,
140.770


 95, 33.376,
140.770

 55, 33.376,
140.770

 45, 33.376,
140.770

 35, 33.376,
140.770

 25, 33.376,
140.770

 15, 33.376,
140.770

 5, 33.376, 140.770

0, 33.376, 140.770

75, 33.376,
140.770

75, 33.376,
140.770

74, 45.858,
139.993

77, 20.709,
141.455

72, 57.893,
139.130

78, 8.044, 142.059

72, 69.148,
138.213

80, 4.476, 322.478

82, 16.754,
322.943

71, 79.200,
137.305

84, 28.728,
323.310

70, 87.544,
136.515

86, 36.472,
325.692

70, 93.663,
135.976

■ 70, 97.254,
135.781

■ 69, 98.156,
135.707

Harmonies

Complementary

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



75, 33.376, 140.770



66, 33.518, 323.660

Rectangle

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



75, 33.376, 140.770



75, 33.376, 190.770



75, 33.376, 320.770



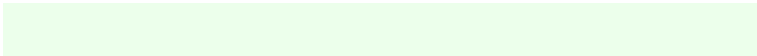
75, 33.376, 10.770

Sweetspot

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



75, 33.378, 140.770



98, 12.398, 141.959



77, 25.357, 103.855



52, 8.820, 141.869



0, 0.000, 0.000



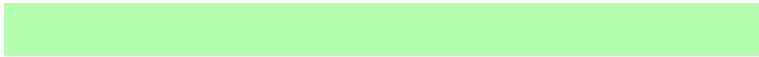
53, 0.007, 296.813

Same Dimension

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



75, 33.378, 140.770



94, 49.823, 140.309



75, 25.205, 157.169



41, 7.189, 141.885



58, 85.334, 135.640



11, 26.030, 142.121

Inverse Universe

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



66, 33.518, 323.660



80, 50.046, 323.951



66, 25.738, 341.583



39, 7.210, 322.806



36, 83.140, 325.263



4, 25.868, 323.888

Previews

White Background



This preview shows how the CIELCh color 75, 33.376, 140.770 looks on a white background.

Color Contrast Check

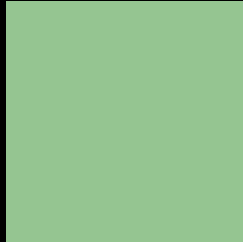
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 75, 33.376, 140.770 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, 33.376, 140.770

Background



This preview shows how black text looks on a background with the CIELCh color 75, 33.376, 140.770.

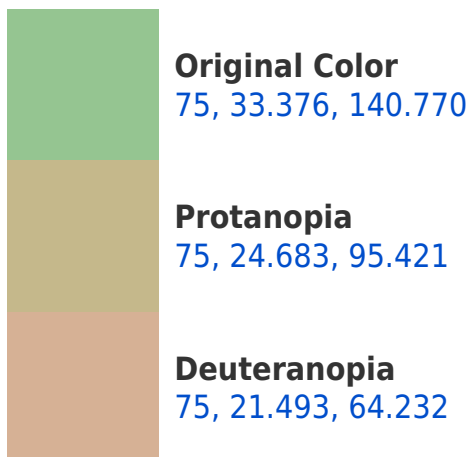


This preview shows how white text looks on a background with the CIELCh color 75, 33.376, 140.770.

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





Tritanopia
75, 12.871, 238.000

Trichromacy



Original Color
75, 33.376, 140.770

Protanomaly
75, 25.912, 116.614

Deuteranomaly
74, 19.989, 101.343

Tritanomaly
75, 14.431, 176.272

Monochromacy



Original Color
75, 33.376, 140.770

Achromatopsia
72, 0.009, 296.813

Achromatomaly
73, 12.183, 141.056

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 33.376, 140.770 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(149, 197, 145)` looks like.

```
.text, #text, p{  
    color:rgb(149, 197, 145)  
}
```

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(149, 197, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 197, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 33.376, 140.770 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(149, 197, 145) }
```

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

```
.border{ border-color:rgb(149, 197, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 197, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 197, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 197, 145);  
box-shadow:4px 4px 4px 4px rgb(149, 197,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 33.376, 140.770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 197, 145) }
```

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

```
.background{ background-color: rgb(149,  
197, 145) }
```

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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