

Converting Colors

CIELCh(79, 32.645, 140.816)

Have a look what the booklet for
CIELCh(79, 32.645, 140.816)
contains.

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Color

CIELCh(79, 33.040, 140.865)

Conversions

Conversions Part 1

Format	Color
Hex	A0D09C
RGB	160, 208, 156
RGB Percent	63%, 82%, 61%
CMY	0.3729, 0.1847, 0.3886
CMYK	0.23, 0.00, 0.25, 0.18
HSL	115°, 36%, 71%
HSV	115°, 25%, 82%
XYZ	43.0061, 54.9284, 39.7494
YIQ	187.7200, -11.9160, -26.3480

Conversions

Conversions Part 2

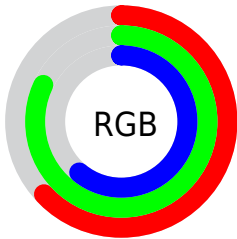
Format	Color
R_{YB}	156, 208, 204
Decimal	10539164
CIE _{Lab}	79.00, -25.63, 20.85
CIE _{LCh}	79, 33.040, 140.865
Yxy	54.9284, 0.3124, 0.3989
Android (android.graphics.Color)	4288729244 (0xFFA0D09C)
YUV	187.7200, -15.6380, -24.3104
Hunter-Lab	74.1137, -26.1205, 20.0806

Details

The CIELCh color **79, 33.040, 140.865** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **70, 33.178, 323.596**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 26.555, 140.397**, and **59, 33.088, 140.778** is the 20% darker color. If you saturate the color by 10%, you get **78, 46.129, 140.097**, and if you desaturate by 10%, it is **81, 19.787, 141.540**.

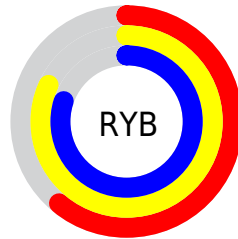
Distribution



Red (63%)

Green (82%)

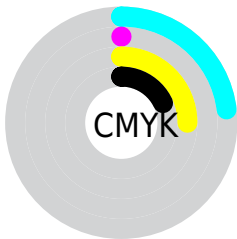
Blue (61%)



Red (61%)

Yellow (82%)

Blue (80%)

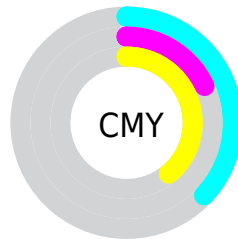


Cyan (23%)

Magenta (0%)

Yellow (25%)

Black (18%)



Cyan (37%)


Magenta (18%)


Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 33.040, 140.865 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 79, 33.040, 140.865 by changing the saturation by 10% instead.


 79, 33.040,
140.865

 79, 33.040,
140.865


 100, 33.040,
140.865


 69, 33.040,
140.865


 99, 33.040,
140.865

 59, 33.040,
140.865

 49, 33.040,
140.865

 39, 33.040,
140.865

 29, 33.040,
140.865

 19, 33.040,
140.865

 9, 33.040, 140.865

0, 33.040, 140.865

79, 33.040,
140.865

79, 33.040,
140.865

78, 46.129,
140.097

81, 19.787,
141.540

76, 58.787,
139.241

82, 6.560, 142.142

75, 70.675,
138.324

84, 6.498, 322.558

87, 19.292,
323.000

74, 81.359,
137.408

89, 29.522,
325.452

74, 90.318,
136.595

73, 96.998,
136.019

■ 73, 101.021,
135.793

■ 73, 102.276,
135.723

Harmonies

Complementary

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



79, 33.040, 140.865



70, 33.178, 323.596

Rectangle

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



79, 33.040, 140.865



79, 33.040, 190.865



79, 33.040, 320.865



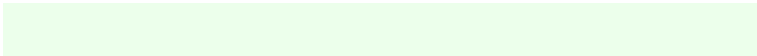
79, 33.040, 10.865

Sweetspot

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



79, 33.042, 140.865



98, 12.398, 141.959



81, 25.111, 103.994



52, 8.820, 141.869



0, 0.000, 0.000



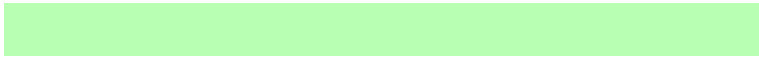
53, 0.007, 296.813

Same Dimension

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



79, 33.042, 140.865



94, 46.741, 140.467



79, 24.962, 157.300



43, 7.492, 141.881



60, 87.307, 135.652



13, 29.818, 140.527

Inverse Universe

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



70, 33.178, 323.596



82, 46.948, 323.855



70, 25.467, 341.460



41, 7.514, 322.808



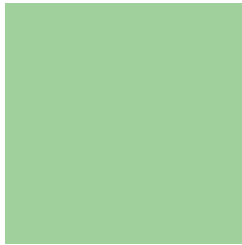
38, 85.050, 325.256



5, 30.470, 324.992

Previews

White Background



This preview shows how the CIELCh color 79, 33.040, 140.865 looks on a white background.

Color Contrast Check

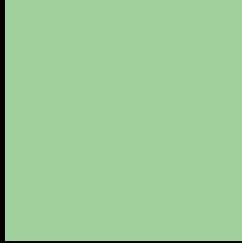
Large Text (above 18pt) WCAG AA × Fail

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 79, 33.040, 140.865 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 79, 33.040, 140.865

Background



This preview shows how black text looks on a background with the CIELCh color 79, 33.040, 140.865.

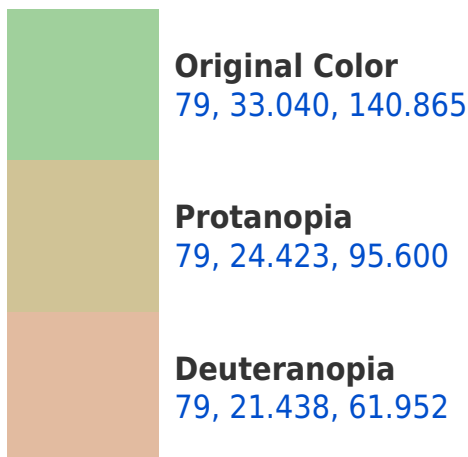


This preview shows how white text looks on a background with the CIELCh color 79, 33.040, 140.865.

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
79, 13.084, 239.834

Trichromacy



Original Color
79, 33.040, 140.865

Protanomaly
79, 25.594, 115.840

Deuteranomaly
79, 19.308, 100.176

Tritanomaly
79, 14.074, 178.349

Monochromacy



Original Color
79, 33.040, 140.865

Achromatopsia
76, 0.009, 296.813

Achromatomaly
77, 12.048, 141.087

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 33.040, 140.865 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(160, 208, 156)` looks like.

```
.text, #text, p{  
    color:rgb(160, 208, 156)  
}
```

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(160, 208, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 208, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 33.040, 140.865 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(160, 208, 156) }
```

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

```
.border{ border-color:rgb(160, 208, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 208, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 208, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 208, 156);  
box-shadow:4px 4px 4px 4px rgb(160, 208,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 33.040, 140.865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 208, 156) }
```

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

```
.background{ background-color: rgb(160,  
208, 156) }
```

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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