

Converting Colors

CIELCh(79, 33.373, 142.818)

Have a look what the booklet for
CIELCh(79, 33.373, 142.818)
contains.

CIELCh(79, 33.224, 142.811)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(79, 33.224, 142.811)

Conversions

Conversions Part 1

Format	Color
Hex	9DD09D
RGB	157, 208, 157
RGB Percent	62%, 82%, 62%
CMY	0.3830, 0.1829, 0.3830
CMYK	0.24, 0.00, 0.24, 0.18
HSL	120°, 35%, 72%
HSV	120°, 24%, 82%
XYZ	42.7244, 54.9284, 40.3961
YIQ	186.9370, -14.0250, -26.6730

Conversions

Conversions Part 2

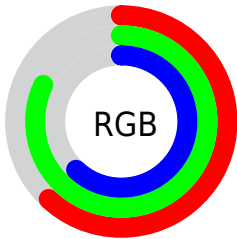
Format	Color
RYB	157, 208, 208
Decimal	10342557
CIELab	79.00, -26.47, 20.08
CIELCh	79, 33.224, 142.811
Yxy	54.9284, 0.3095, 0.3979
Android (android.graphics.Color)	4288532637 (0xFF9DD09D)
YUV	186.9370, -14.7589, -26.2547
Hunter-Lab	74.1137, -26.7989, 19.5632

Details

The CIELCh color **79, 33.224, 142.811** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **71, 33.238, 325.766**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 26.925, 143.383**, and **59, 33.280, 142.766** is the 20% darker color. If you saturate the color by 10%, you get **77, 46.645, 141.940**, and if you desaturate by 10%, it is **81, 19.614, 143.564**.

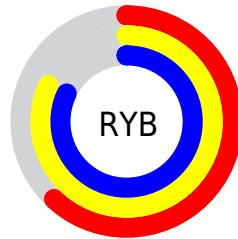
Distribution



Red (62%)

Green (82%)

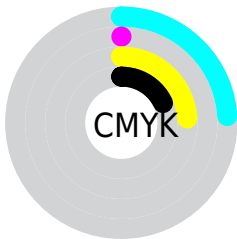
Blue (62%)



Red (62%)

Yellow (82%)

Blue (82%)

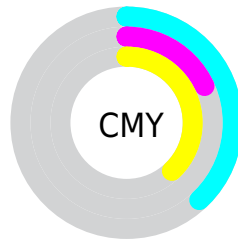


Cyan (24%)

Magenta (0%)

Yellow (24%)

Black (18%)



Cyan (38%)


Magenta (18%)


Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 33.224, 142.811 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, 33.224, 142.811 by changing the saturation by 10% instead.


 79, 33.224,
142.811


 79, 33.224,
142.811


 100, 33.224,
142.811


 69, 33.224,
142.811


 99, 33.224,
142.811

 59, 33.224,
142.811

 49, 33.224,
142.811

 39, 33.224,
142.811

 29, 33.224,
142.811

 19, 33.224,
142.811

 9, 33.224, 142.811

0, 33.224, 142.811

79, 33.224,
142.811

79, 33.224,
142.811

77, 46.645,
141.940

81, 19.614,
143.564

76, 59.577,
140.948

83, 6.032, 144.231

75, 71.648,
139.856

85, 7.360, 324.688

87, 20.452,
325.166

74, 82.402,
138.719

89, 29.246,
325.443

74, 91.308,
137.637

73, 97.828,
136.754

■ 73,101.610,
136.203

■ 73,102.852,
136.016

Harmonies

Complementary

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



79, 33.224, 142.811



71, 33.238, 325.766

Rectangle

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



79, 33.224, 142.811



79, 33.224, 192.811



79, 33.224, 322.811



79, 33.224, 12.811

Sweetspot

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



79, 33.226, 142.811



98, 11.113, 144.059



82, 26.271, 107.111



52, 7.224, 144.020



0, 0.000, 0.000



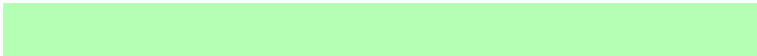
53, 0.007, 296.813

Same Dimension

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



79, 33.226, 142.811



94, 46.321, 142.404



80, 23.258, 160.595



43, 7.681, 143.908



60, 87.744, 136.016



13, 30.537, 142.077

Inverse Universe

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



71, 33.238, 325.766



83, 46.317, 326.025



70, 23.919, 344.919



41, 7.693, 324.933



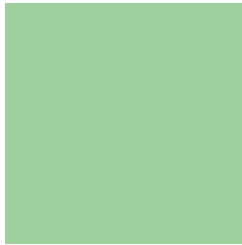
40, 84.660, 328.229



6, 31.112, 327.821

Previews

White Background



This preview shows how the CIELCh color 79, 33.224, 142.811 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 79, 33.224, 142.811 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, 33.224, 142.811

Background



This preview shows how black text looks on a background with the CIELCh color 79, 33.224, 142.811.

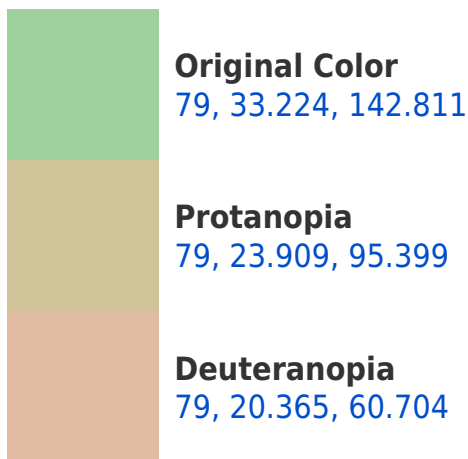


This preview shows how white text looks on a background with the CIELCh color 79, 33.224, 142.811.

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, 13.815, 237.170

Trichromacy



Original Color
79, 33.224, 142.811

Protanomaly
79, 25.141, 116.919

Deuteranomaly
78, 18.686, 102.410

Tritanomaly
79, 15.013, 179.581

Monochromacy



Original Color
79, 33.224, 142.811

Achromatopsia
76, 0.009, 296.813

Achromatomaly
77, 12.466, 143.891

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 33.224, 142.811 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(157, 208, 157)` looks like.

```
.text, #text, p{  
    color:rgb(157, 208, 157)  
}
```

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(157, 208, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 208, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 33.224, 142.811 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(157, 208, 157) }
```

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

```
.border{ border-color:rgb(157, 208, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 208, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 208, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 208, 157);  
box-shadow:4px 4px 4px 4px rgb(157, 208,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 33.224, 142.811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 208, 157) }
```

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

```
.background{ background-color: rgb(157,  
208, 157) }
```

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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