

Converting Colors

CIELCh(79, 33.041, 153.726)

Have a look what the booklet for
CIELCh(79, 33.041, 153.726)
contains.

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Color

CIELCh(79, 33.257, 153.657)

Conversions

Conversions Part 1

Format	Color
Hex	90D2A7
RGB	144, 210, 167
RGB Percent	56%, 82%, 65%
CMY	0.4346, 0.1757, 0.3444
CMYK	0.31, 0.00, 0.20, 0.18
HSL	141°, 42%, 69%
HSV	141°, 31%, 82%
XYZ	41.6178, 54.9284, 45.0546
YIQ	185.3640, -25.5330, -27.3650

Conversions

Conversions Part 2

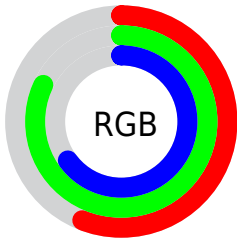
Format	Color
RYB	144, 193, 210
Decimal	9491111
CIELab	79.00, -29.80, 14.76
CIELCh	79, 33.257, 153.657
Yxy	54.9284, 0.2939, 0.3879
Android (android.graphics.Color)	4287681191 (0xFF90D2A7)
YUV	185.3640, -9.0535, -36.2762
Hunter-Lab	74.1137, -29.4640, 15.8365

Details

The CIELCh color **79, 33.257, 153.657** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **68, 33.782, 338.739**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 26.008, 157.298**, and **59, 33.180, 153.773** is the 20% darker color. If you saturate the color by 10%, you get **78, 43.509, 152.541**, and if you desaturate by 10%, it is **80, 22.731, 154.632**.

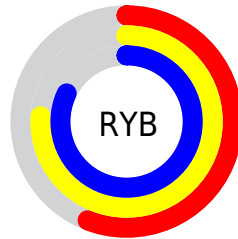
Distribution



Red (56%)

Green (82%)

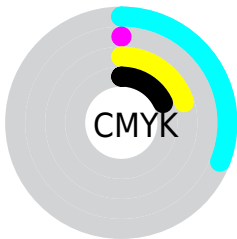
Blue (65%)



Red (56%)

Yellow (76%)

Blue (82%)

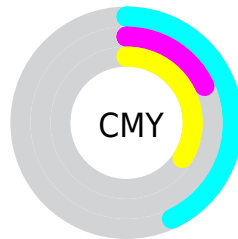


Cyan (31%)

Magenta (0%)

Yellow (20%)

Black (18%)



Cyan (43%)


Magenta (18%)


Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 33.257, 153.657 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, 33.257, 153.657 by changing the saturation by 10% instead.


 79, 33.257,
153.657

 79, 33.257,
153.657


 100, 33.257,
153.657


 69, 33.257,
153.657


 99, 33.257,
153.657

 59, 33.257,
153.657

 49, 33.257,
153.657

 39, 33.257,
153.657

 29, 33.257,
153.657

 19, 33.257,
153.657

 9, 33.257, 153.657

■ 0, 33.257, 153.657

■ 79, 33.257,
153.657

■ 79, 33.257,
153.657

■ 78, 43.509,
152.541

■ 80, 22.731,
154.632

■ 77, 53.293,
151.261

■ 82, 12.091,
155.496

■ 76, 62.418,
149.796

■ 84, 1.475, 156.462

■ 75, 70.699,
148.137

■ 86, 9.011, 336.835

■ 75, 77.996,
146.286

■ 88, 19.291,
337.448

■ 74, 84.229,
144.278

■ 89, 25.768,
329.110

■ 89, 28.087,

■ 74, 88.804,
142.532

325.403

Harmonies

Complementary

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



79, 33.257, 153.657



68, 33.782, 338.739

Rectangle

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



79, 33.257, 153.657



79, 33.257, 203.657



79, 33.257, 333.657



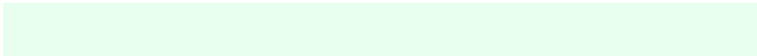
79, 33.257, 23.657

Sweetspot

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



79, 33.258, 153.656



98, 11.150, 155.684



81, 35.511, 121.315



52, 7.753, 155.564



0, 0.000, 0.000



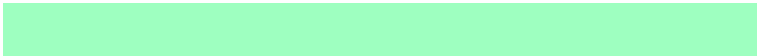
53, 0.007, 296.813

Same Dimension

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



79, 33.258, 153.656



93, 46.845, 152.890



80, 23.235, 183.026



43, 5.985, 155.659



60, 74.666, 142.884



13, 25.263, 148.956

Inverse Universe

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



68, 33.782, 338.739



77, 47.652, 339.377



67, 26.863, 9.323



41, 6.023, 336.948



37, 65.782, 348.416



5, 23.854, 343.874

Previews

White Background



This preview shows how the CIELCh color 79, 33.257, 153.657 looks on a white background.

Color Contrast Check

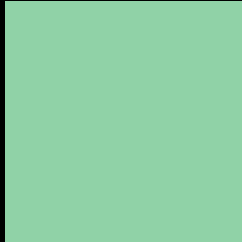
Large Text (above 18pt) WCAG AA × Fail

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, 33.257, 153.657 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, 33.257, 153.657

Background



This preview shows how black text looks on a background with the CIELCh color 79, 33.257, 153.657.

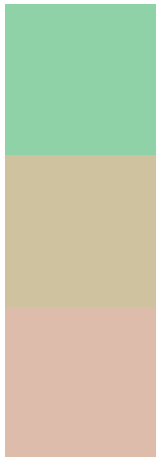


This preview shows how white text looks on a background with the CIELCh color 79, 33.257, 153.657.

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](#).

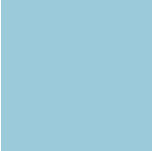
Dichromacy



Original Color
79, 33.257, 153.657

Protanopia
79, 19.200, 94.112

Deuteranopia
79, 15.902, 52.420

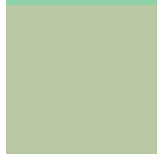


Tritanopia
79, 17.664, 227.552

Trichromacy



Original Color
79, 33.257, 153.657



Protanomaly
79, 21.098, 125.344



Deuteranomaly
78, 13.847, 112.088



Tritanomaly
79, 19.149, 188.319

Monochromacy



Original Color
79, 33.257, 153.657



Achromatopsia
76, 0.009, 296.813



Achromatomaly
77, 12.419, 154.791

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 33.257, 153.657 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(144, 210, 167)` looks like.

```
.text, #text, p{  
    color:rgb(144, 210, 167)  
}
```

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(144, 210, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 210, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 33.257, 153.657 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(144, 210, 167) }
```

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

```
.border{ border-color:rgb(144, 210, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 210, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 210, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 210, 167);  
box-shadow:4px 4px 4px 4px rgb(144, 210,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 33.257, 153.657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 210, 167) }
```

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

```
.background{ background-color: rgb(144,  
210, 167) }
```

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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