

Converting Colors

CIELCh(81, 28.294, 164.414)

Have a look what the booklet for
CIELCh(81, 28.294, 164.414)
contains.

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Color

CIELCh(81, 28.294, 164.414)

Conversions

Conversions Part 1

Format	Color
Hex	94D7BA
RGB	148, 215, 186
RGB Percent	58%, 84%, 73%
CMY	0.4194, 0.1567, 0.2704
CMYK	0.31, 0.00, 0.13, 0.16
HSL	154°, 46%, 71%
HSV	154°, 31%, 84%
XYZ	45.4003, 58.4711, 55.3718
YIQ	191.6610, -30.6230, -23.2230

Conversions

Conversions Part 2

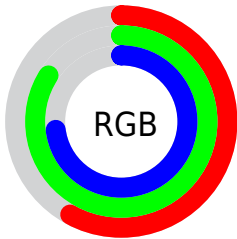
Format	Color
RYB	148, 191, 215
Decimal	9754554
CIELab	81.00, -27.25, 7.60
CIELCh	81, 28.294, 164.414
Yxy	58.4711, 0.2851, 0.3672
Android (android.graphics.Color)	4287944634 (0xFF94D7BA)
YUV	191.6610, -2.7909, -38.2907
Hunter-Lab	76.4664, -27.8357, 10.5926

Details

The CIELCh color **81, 28.294, 164.414** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **69, 29.839, 350.585**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 18.655, 177.281**, and **61, 28.249, 164.399** is the 20% darker color. If you saturate the color by 10%, you get **80, 36.849, 163.207**, and if you desaturate by 10%, it is **82, 19.386, 165.497**.

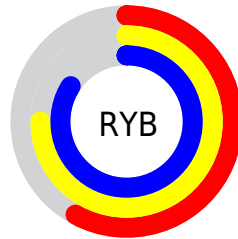
Distribution



Red (58%)

Green (84%)

Blue (73%)



Red (58%)

Yellow (75%)

Blue (84%)

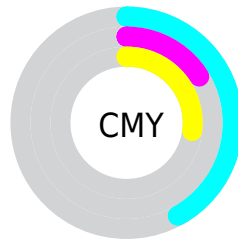


Cyan (31%)

Magenta (0%)

Yellow (13%)

Black (16%)



Cyan (42%)

Magenta (16%)

Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 28.294, 164.414 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 81, 28.294, 164.414 by changing the saturation by 10% instead.


 81, 28.294,
164.414

 81, 28.294,
164.414


 100, 28.294,
164.414


 71, 28.294,
164.414


 61, 28.294,
164.414

 51, 28.294,
164.414

 41, 28.294,
164.414

 31, 28.294,
164.414

 21, 28.294,
164.414

 11, 28.294,

164.414

■ 1, 28.294, 164.414

■ 0, 28.294, 164.414

■ 81, 28.294,
164.414

■ 81, 28.294,
164.414

■ 80, 36.849,
163.207

■ 82, 19.386,
165.497

■ 79, 44.892,
161.854

■ 84, 10.265,
166.492

■ 78, 52.272,
160.329

■ 86, 1.060, 167.763

■ 77, 58.866,
158.608

■ 88, 8.129, 348.094

■ 90, 17.045,
348.488

■ 77, 64.597,

156.674

90, 19.917,
336.549

76, 69.462,
154.530

90, 23.458,
328.018

76, 73.191,
152.530

90, 25.028,
325.296

Harmonies

Complementary

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



81, 28.294, 164.414



69, 29.839, 350.585

Rectangle

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



81, 28.294, 164.414



81, 28.294, 214.414



81, 28.294, 344.414



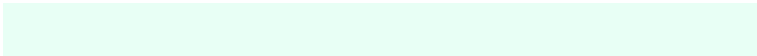
81, 28.294, 34.414

Sweetspot

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



81, 28.295, 164.413



98, 9.511, 166.692



82, 37.933, 129.939



52, 6.608, 166.550



0, 0.000, 0.000



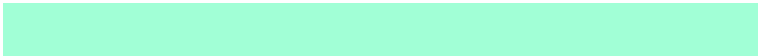
53, 0.007, 296.813

Same Dimension

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



81, 28.295, 164.413



93, 38.269, 163.681



81, 20.576, 204.672



44, 5.206, 166.660



62, 61.186, 152.927



15, 21.883, 157.976

Inverse Universe

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



69, 29.839, 350.585



77, 40.765, 351.395



69, 25.672, 27.146



42, 5.294, 348.218



36, 62.562, 8.158



5, 22.949, 358.644

Previews

White Background



This preview shows how the CIELCh color 81, 28.294, 164.414 looks on a white background.

Color Contrast Check

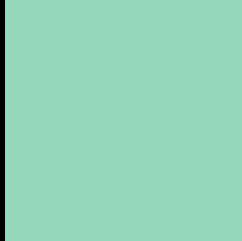
Large Text (above 18pt) WCAG AA × Fail

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 81, 28.294, 164.414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

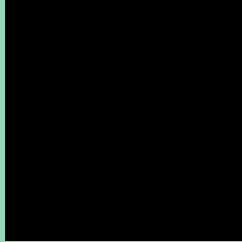
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

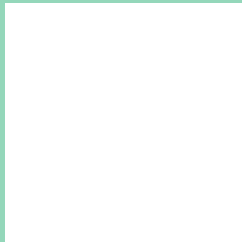
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 28.294, 164.414

Background



This preview shows how black text looks on a background with the CIELCh color 81, 28.294, 164.414.



This preview shows how white text looks on a background with the CIELCh color 81, 28.294, 164.414.

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

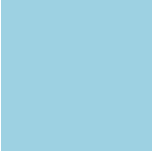
81, 28.294, 164.414

Protanopia

81, 12.135, 92.585

Deuteranopia

81, 11.107, 28.389



Tritanopia
81, 18.856, 227.199

Trichromacy



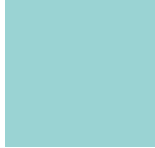
Original Color
81, 28.294, 164.414



Protanomaly
80, 14.435, 136.784



Deuteranomaly
81, 7.259, 127.438

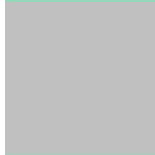


Tritanomaly
81, 19.089, 198.061

Monochromacy



Original Color
81, 28.294, 164.414



Achromatopsia
78, 0.009, 296.813



Achromatomaly
79, 10.289, 167.372

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 28.294, 164.414 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, 215, 186)` looks like.

```
.text, #text, p{  
    color:rgb(148, 215, 186)  
}
```

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, 215, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 215, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 28.294, 164.414 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, 215, 186) }
```

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

```
.border{ border-color:rgb(148, 215, 186) }
```

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

Here you see how a box with a 4 pixel rgb(148, 215, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 215, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 215, 186);  
box-shadow:4px 4px 4px 4px rgb(148, 215,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 28.294, 164.414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 215, 186) }
```

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

```
.background{ background-color: rgb(148,  
215, 186) }
```

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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