

Converting Colors

CIELCh(82, 32.160, 167.512)

Have a look what the booklet for
CIELCh(82, 32.160, 167.512)
contains.

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Color

CIELCh(82, 32.160, 167.512)

Conversions

Conversions Part 1

Format	Color
Hex	8BDCBE
RGB	139, 220, 190
RGB Percent	55%, 86%, 75%
CMY	0.4554, 0.1378, 0.2554
CMYK	0.37, 0.00, 0.14, 0.14
HSL	158°, 54%, 70%
HSV	158°, 37%, 86%
XYZ	45.4577, 60.2982, 57.8771
YIQ	192.3610, -38.6460, -26.5020

Conversions

Conversions Part 2

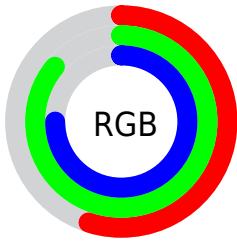
Format	Color
RYB	139, 189, 220
Decimal	9166014
CIELab	82.00, -31.40, 6.95
CIELCh	82, 32.160, 167.512
Yxy	60.2982, 0.2778, 0.3685
Android (android.graphics.Color)	4287356094 (0xFF8BDCBE)
YUV	192.3610, -1.1640, -46.7976
Hunter-Lab	77.6519, -31.3963, 10.1651

Details

The CIELCh color **82, 32.160, 167.512** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **67, 34.943, 355.417**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 20.593, 185.118**, and **62, 32.206, 167.445** is the 20% darker color. If you saturate the color by 10%, you get **81, 40.051, 166.225**, and if you desaturate by 10%, it is **83, 23.783, 168.670**.

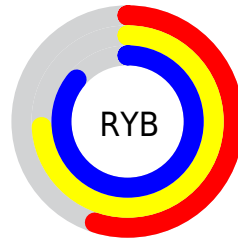
Distribution



Red (55%)

Green (86%)

Blue (75%)



Red (55%)

Yellow (74%)

Blue (86%)

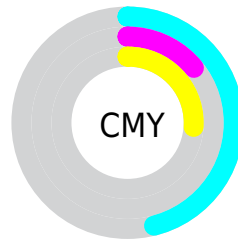


Cyan (37%)

Magenta (0%)

Yellow (14%)

Black (14%)



Cyan (46%)


Magenta (14%)


Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 32.160, 167.512 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 82, 32.160, 167.512 by changing the saturation by 10% instead.


 82, 32.160,
167.512


 82, 32.160,
167.512


 100, 32.160,
167.512


 72, 32.160,
167.512

 62, 32.160,
167.512

 52, 32.160,
167.512

 42, 32.160,
167.512

 32, 32.160,
167.512

 22, 32.160,
167.512

 12, 32.160,

167.512

■ 2, 32.160, 167.512

■ 0, 32.160, 167.512

■ 82, 32.160,
167.512

■ 82, 32.160,
167.512

■ 81, 40.051,
166.225

■ 83, 23.783,
168.670

■ 80, 47.302,
164.789

■ 85, 15.066,
169.730

■ 79, 53.783,
163.176

■ 86, 6.148, 170.737

■ 79, 59.404,
161.365

■ 88, 2.853, 351.374

■ 90, 11.840,
352.330

■ 78, 64.140,

159.342

91, 15.931,
342.846

78, 68.061,
157.123

91, 18.733,
332.538

78, 69.216,
156.423

92, 22.000,
325.190

Harmonies

Complementary

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



82, 32.160, 167.512



67, 34.943, 355.417

Rectangle

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



82, 32.160, 167.512



82, 32.160, 217.512



82, 32.160, 347.512



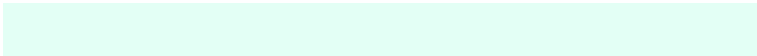
82, 32.160, 37.512

Sweetspot

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



82, 32.161, 167.511



98, 11.135, 170.308



83, 46.191, 131.314



52, 7.477, 170.172



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



82, 32.161, 167.511



93, 42.674, 166.556



80, 23.148, 210.533



45, 5.088, 170.474



63, 57.570, 156.820



16, 21.386, 161.444

Inverse Universe

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



67, 34.943, 355.417



72, 47.119, 356.613



68, 30.357, 31.798



43, 5.198, 352.092



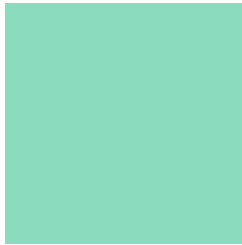
37, 63.889, 14.254



6, 24.145, 3.012

Previews

White Background



This preview shows how the CIELCh color 82, 32.160, 167.512 looks on a white background.

Color Contrast Check

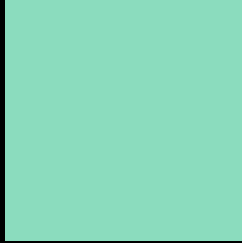
Large Text (above 18pt) WCAG AA × Fail

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 82, 32.160, 167.512 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

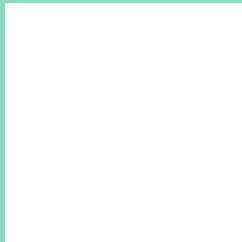
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 32.160, 167.512

Background



This preview shows how black text looks on a background with the CIELCh color 82, 32.160, 167.512.

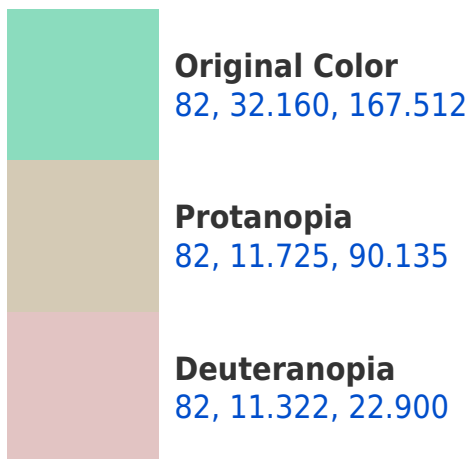


This preview shows how white text looks on a background with the CIELCh color 82, 32.160, 167.512.

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
82, 22.137, 222.330

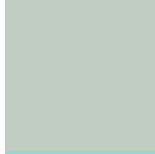
Trichromacy



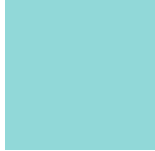
Original Color
82, 32.160, 167.512



Protanomaly
81, 15.365, 142.691



Deuteranomaly
81, 7.569, 141.914

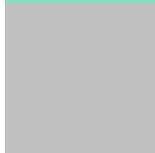


Tritanomaly
82, 23.133, 197.801

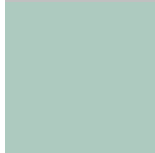
Monochromacy



Original Color
82, 32.160, 167.512



Achromatopsia
78, 0.009, 296.813



Achromatomaly
79, 12.083, 169.425

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 32.160, 167.512 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(139, 220, 190)` looks like.

```
.text, #text, p{  
    color:rgb(139, 220, 190)  
}
```

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(139, 220, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 220, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 32.160, 167.512 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(139, 220, 190) }
```

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

```
.border{ border-color:rgb(139, 220, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 220, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 220, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 220, 190);  
box-shadow:4px 4px 4px 4px rgb(139, 220,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 32.160, 167.512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 220, 190) }
```

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

```
.background{ background-color: rgb(139,  
220, 190) }
```

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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