

Converting Colors

CIELCh(79, 29.465, 170.143)

Have a look what the booklet for
CIELCh(79, 29.465, 170.143)
contains.

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Color

CIELCh(79, 29.252, 170.067)

Conversions

Conversions Part 1

Format	Color
Hex	87D2B9
RGB	135, 210, 185
RGB Percent	53%, 82%, 73%
CMY	0.4695, 0.1753, 0.2734
CMYK	0.36, 0.00, 0.12, 0.18
HSL	160°, 46%, 68%
HSV	160°, 36%, 82%
XYZ	41.9442, 54.9284, 54.4488
YIQ	184.7250, -36.6750, -23.6750

Conversions

Conversions Part 2

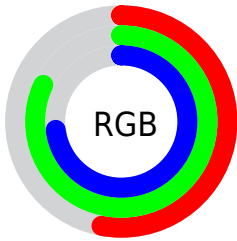
Format	Color
RYB	135, 180, 210
Decimal	8901305
CIELab	79.00, -28.81, 5.05
CIELCh	79, 29.252, 170.067
Yxy	54.9284, 0.2772, 0.3630
Android (android.graphics.Color)	4287091385 (0xFF87D2B9)
YUV	184.7250, 0.1356, -43.6088
Hunter-Lab	74.1137, -28.6780, 8.3212

Details

The CIELCh color **79, 29.252, 170.067** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **65, 32.117, 357.755**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 22.705, 179.474**, and **59, 29.241, 170.229** is the 20% darker color. If you saturate the color by 10%, you get **78, 36.636, 168.814**, and if you desaturate by 10%, it is **80, 21.395, 171.203**.

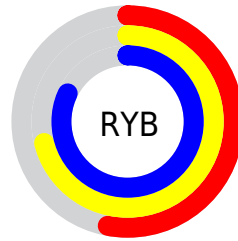
Distribution



Red (53%)

Green (82%)

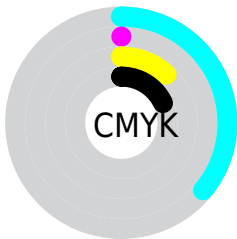
Blue (73%)



Red (53%)

Yellow (71%)

Blue (82%)

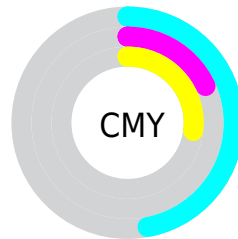


Cyan (36%)

Magenta (0%)

Yellow (12%)

Black (18%)



Cyan (47%)


Magenta (18%)


Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 29.252, 170.067 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, 29.252, 170.067 by changing the saturation by 10% instead.


 79, 29.252,
170.067

 79, 29.252,
170.067


 100, 29.252,
170.067


 69, 29.252,
170.067


 99, 29.252,
170.067

 59, 29.252,
170.067

 49, 29.252,
170.067

 39, 29.252,
170.067

 29, 29.252,
170.067

 19, 29.252,
170.067

 9, 29.252, 170.067

■ 0, 29.252, 170.067

■ 79, 29.252,
170.067

■ 79, 29.252,
170.067

■ 78, 36.636,
168.814

■ 80, 21.395,
171.203

■ 77, 43.403,
167.423

■ 82, 13.202,
172.253

■ 76, 49.430,
165.869

■ 83, 4.804, 173.272

■ 76, 54.629,
164.126

■ 85, 3.689, 353.930

■ 75, 58.972,
162.180

■ 87, 12.185,
354.855

■ 75, 62.513,
160.032

■ 88, 18.494,
352.241

■ 89, 20.361,

■ 75, 63.908,
159.091

343.091

■ 89, 22.678,
335.699

■ 89, 25.319,
329.821

Harmonies

Complementary

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



79, 29.252, 170.067



65, 32.117, 357.755

Rectangle

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



79, 29.252, 170.067



79, 29.252, 220.067



79, 29.252, 350.067



79, 29.252, 40.067

Sweetspot

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



79, 29.253, 170.065



98, 10.872, 172.711



79, 43.588, 132.446



52, 7.299, 172.573



0, 0.000, 0.000



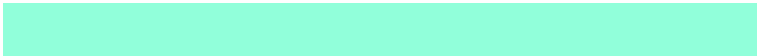
53, 0.007, 296.813

Same Dimension

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



79, 29.253, 170.065



93, 40.552, 169.099



77, 21.227, 214.682



43, 4.779, 172.884



61, 53.798, 159.470



14, 18.975, 164.587

Inverse Universe

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



65, 32.117, 357.755



73, 45.444, 359.020



67, 27.514, 34.636



41, 4.896, 354.511



35, 63.201, 17.606



4, 20.633, 3.831

Previews

White Background



This preview shows how the CIELCh color 79, 29.252, 170.067 looks on a white background.

Color Contrast Check

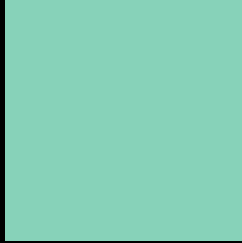
Large Text (above 18pt) WCAG AA × Fail

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, 29.252, 170.067 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

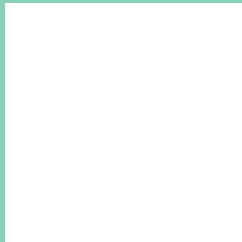
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 29.252, 170.067

Background



This preview shows how black text looks on a background with the CIELCh color 79, 29.252, 170.067.

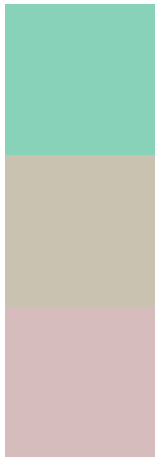


This preview shows how white text looks on a background with the CIELCh color 79, 29.252, 170.067.

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, 29.252, 170.067

Protanopia
79, 9.542, 90.626

Deuteranopia
79, 10.240, 14.242



Tritanopia
79, 21.176, 223.752

Trichromacy



Original Color
79, 29.252, 170.067



Protanomaly
79, 13.505, 146.343



Deuteranomaly
78, 5.675, 150.262

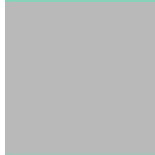


Tritanomaly
79, 21.655, 200.719

Monochromacy



Original Color
79, 29.252, 170.067



Achromatopsia
75, 0.009, 296.813



Achromatomaly
76, 10.997, 172.444

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 29.252, 170.067 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(135, 210, 185)` looks like.

```
.text, #text, p{  
    color:rgb(135, 210, 185)  
}
```

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(135, 210, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 210, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 29.252, 170.067 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(135, 210, 185) }
```

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

```
.border{ border-color:rgb(135, 210, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 210, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 210, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 210, 185);  
box-shadow:4px 4px 4px 4px rgb(135, 210,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 29.252, 170.067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 210, 185) }
```

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

```
.background{ background-color: rgb(135,  
210, 185) }
```

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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