

Converting Colors

CIELCh(79, 26.827, 176.061)

Have a look what the booklet for
CIELCh(79, 26.827, 176.061)
contains.

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Color

CIELCh(79, 27.037, 175.325)

Conversions

Conversions Part 1

Format	Color
Hex	89D2BF
RGB	137, 210, 191
RGB Percent	54%, 82%, 75%
CMY	0.4642, 0.1780, 0.2525
CMYK	0.35, 0.00, 0.09, 0.18
HSL	164°, 45%, 68%
HSV	164°, 35%, 82%
XYZ	42.5642, 54.9284, 57.4261
YIQ	186.0070, -37.4090, -21.3850

Conversions

Conversions Part 2

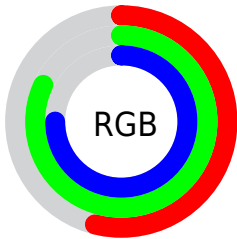
Format	Color
RYB	137, 179, 210
Decimal	9032383
CIELab	79.00, -26.95, 2.20
CIElCh	79, 27.037, 175.325
Yxy	54.9284, 0.2748, 0.3546
Android (android.graphics.Color)	4287222463 (0xFF89D2BF)
YUV	186.0070, 2.4615, -42.9791
Hunter-Lab	74.1137, -27.1847, 5.9394

Details

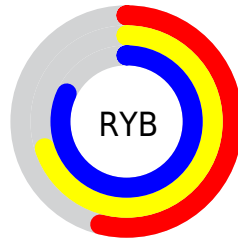
The CIELCh color **79, 27.037, 175.325** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **65, 30.487, 2.851**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 21.035, 186.796**, and **59, 26.919, 175.910** is the 20% darker color. If you saturate the color by 10%, you get **78, 33.895, 174.139**, and if you desaturate by 10%, it is **80, 19.666, 176.415**.

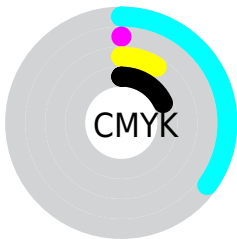
Distribution



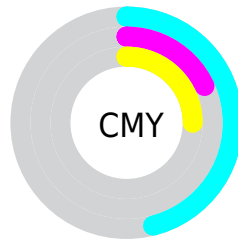
- Red (54%)
- Green (82%)
- Blue (75%)



- Red (54%)
- Yellow (70%)
- Blue (82%)



- Cyan (35%)
- Magenta (0%)
- Yellow (9%)
- Black (18%)





- Cyan (46%)
- Magenta (18%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 27.037, 175.325 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, 27.037, 175.325 by changing the saturation by 10% instead.


 79, 27.037,
175.325


 79, 27.037,
175.325


 100, 27.037,
175.325


 69, 27.037,
175.325


 99, 27.037,
175.325

 59, 27.037,
175.325

 49, 27.037,
175.325

 39, 27.037,
175.325

 29, 27.037,
175.325

 19, 27.037,
175.325

 9, 27.037, 175.325

■ 0, 27.037, 175.325

■ 79, 27.037,
175.325

■ 79, 27.037,
175.325

■ 78, 33.895,
174.139

■ 80, 19.666,
176.415

■ 77, 40.104,
172.840

■ 82, 11.915,
177.438

■ 76, 45.546,
171.402

■ 83, 3.911, 178.469

■ 76, 50.143,
169.800

■ 85, 4.235, 359.109

■ 75, 53.869,
168.014

■ 87, 12.432, 0.033

■ 75, 56.779,
166.036

■ 88, 18.055,
357.567

■ 88, 19.230,
349.700

■ 75, 58.090,
164.982

■ 89, 20.740,
342.889

■ 89, 22.516,
337.111

Harmonies

Complementary

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



79, 27.037, 175.325



65, 30.487, 2.851

Rectangle

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



79, 27.037, 175.325



79, 27.037, 225.325



79, 27.037, 355.325



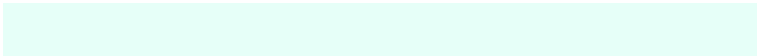
79, 27.037, 45.325

Sweetspot

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



79, 27.038, 175.323



98, 9.472, 177.909



79, 43.532, 135.028



52, 6.454, 177.767



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, 27.038, 175.323



93, 37.492, 174.426



75, 19.981, 225.842



43, 4.578, 177.980



61, 49.084, 165.329



14, 17.602, 170.008

Inverse Universe

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



65, 30.487, 2.851



73, 43.479, 4.147



68, 25.364, 42.612



41, 4.722, 359.608



35, 65.406, 24.174



4, 20.363, 7.476

Previews

White Background



This preview shows how the CIELCh color 79, 27.037, 175.325 looks on a white background.

Color Contrast Check

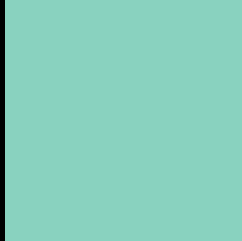
Large Text (above 18pt) WCAG AA × Fail

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, 27.037, 175.325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

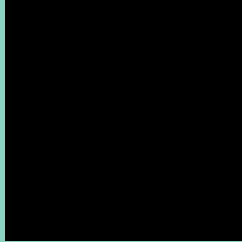
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

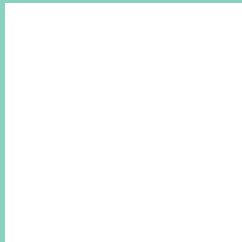
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 27.037, 175.325

Background



This preview shows how black text looks on a background with the CIELCh color 79, 27.037, 175.325.

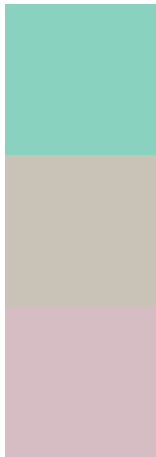


This preview shows how white text looks on a background with the CIELCh color 79, 27.037, 175.325.

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, 27.037, 175.325

Protanopia
79, 6.903, 86.996

Deuteranopia
79, 9.518, 0.552

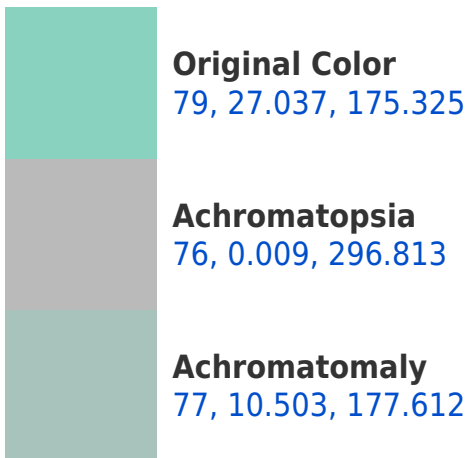


Tritanopia
79, 21.176, 223.752

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 27.037, 175.325 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(137, 210, 191)` looks like.

```
.text, #text, p{  
    color:rgb(137, 210, 191)  
}
```

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(137, 210, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 210, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 27.037, 175.325 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(137, 210, 191) }
```

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

```
.border{ border-color:rgb(137, 210, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 210, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 210, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 210, 191);  
box-shadow:4px 4px 4px 4px rgb(137, 210,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 27.037, 175.325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 210, 191) }
```

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

```
.background{ background-color: rgb(137,  
210, 191) }
```

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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