

Converting Colors

CIELCh(84, 27.429, 189.744)

Have a look what the booklet for
CIELCh(84, 27.429, 189.744)
contains.

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Color

CIELCh(84, 27.435, 189.732)

Conversions

Conversions Part 1

Format	Color
Hex	8CE0D9
RGB	140, 224, 217
RGB Percent	55%, 88%, 85%
CMY	0.4500, 0.1206, 0.1480
CMYK	0.37, 0.00, 0.03, 0.12
HSL	175°, 58%, 71%
HSV	175°, 37%, 88%
XYZ	50.1365, 64.0658, 75.5385
YIQ	198.0860, -47.8170, -19.9850

Conversions

Conversions Part 2

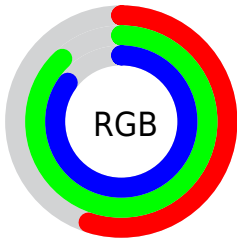
Format	Color
RYB	140, 184, 224
Decimal	9232601
CIELab	84.00, -27.04, -4.64
CIElCh	84, 27.435, 189.732
Yxy	64.0658, 0.2642, 0.3376
Android (android.graphics.Color)	4287422681 (0xFF8CE0D9)
YUV	198.0860, 9.3246, -50.9414
Hunter-Lab	80.0411, -28.2623, 0.0741

Details

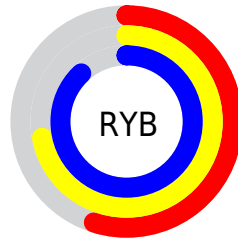
The CIELCh color **84, 27.435, 189.732** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **67, 34.224, 16.664**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 19.012, 198.250**, and **64, 27.359, 189.998** is the 20% darker color. If you saturate the color by 10%, you get **83, 33.305, 188.962**, and if you desaturate by 10%, it is **85, 20.831, 190.489**.

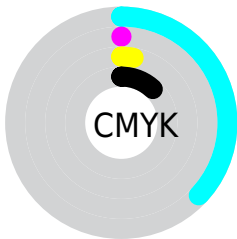
Distribution



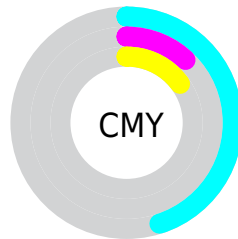
- Red (55%)
- Green (88%)
- Blue (85%)



- Red (55%)
- Yellow (72%)
- Blue (88%)



- Cyan (37%)
- Magenta (0%)
- Yellow (3%)
- Black (12%)




- Cyan (45%)
- Magenta (12%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 27.435, 189.732 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 84, 27.435, 189.732 by changing the saturation by 10% instead.


 84, 27.435,
189.732


 84, 27.435,
189.732


 100, 27.435,
189.732


 74, 27.435,
189.732

 64, 27.435,
189.732

 54, 27.435,
189.732

 44, 27.435,
189.732

 34, 27.435,
189.732

 24, 27.435,
189.732

 14, 27.435,

189.732

■ 4, 27.435, 189.732

■ 0, 27.435, 189.732

■ 84, 27.435,
189.732

■ 84, 27.435,
189.732

■ 83, 33.305,
188.962

■ 85, 20.831,
190.489

■ 82, 38.319,
188.175

■ 87, 13.624,
191.250

■ 82, 42.389,
187.357

■ 88, 5.951, 192.049

■ 81, 45.471,
186.491

■ 90, 2.065, 12.406

■ 92, 10.312, 13.370

■ 81, 47.586,

185.561

92, 11.390, 9.211

81, 48.847,
184.554

92, 11.583, 4.521

81, 49.105,
184.295

92, 11.854, 0.018

92, 12.196,
355.746

Harmonies

Complementary

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



84, 27.435, 189.732



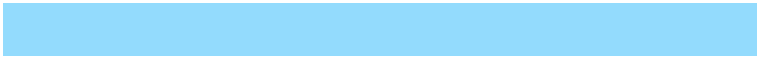
67, 34.224, 16.664

Rectangle

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



84, 27.435, 189.732



84, 27.435, 239.732



84, 27.435, 9.732



84, 27.435, 59.732

Sweetspot

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



84, 27.435, 189.729



98, 9.668, 191.748



83, 52.023, 139.321



52, 6.477, 191.640



0, 0.000, 0.000



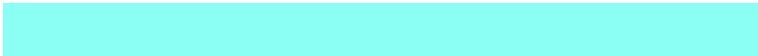
53, 0.007, 296.813

Same Dimension

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



84, 27.435, 189.729



93, 35.393, 189.127



75, 23.522, 249.538



46, 4.514, 191.881



65, 40.906, 184.472



17, 16.566, 186.288

Inverse Universe

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



67, 34.224, 16.664



71, 46.540, 18.096



75, 28.037, 60.163



44, 4.748, 13.198



36, 75.663, 36.503



6, 25.370, 17.427

Previews

White Background



This preview shows how the CIE LCh color 84, 27.435, 189.732 looks on a white background.

Color Contrast Check

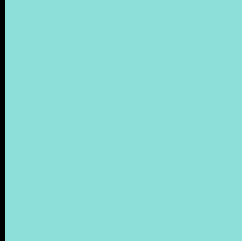
Large Text (above 18pt) WCAG AA × Fail

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 84, 27.435, 189.732 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 84, 27.435, 189.732

Background



This preview shows how black text looks on a background with the CIELCh color 84, 27.435, 189.732.

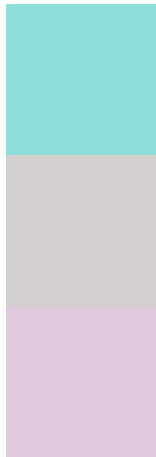


This preview shows how white text looks on a background with the CIELCh color 84, 27.435, 189.732.

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

84, 27.435, 189.732

Protanopia

84, 1.824, 19.231

Deuteranopia

84, 13.025, 326.247



Tritanopia
84, 24.712, 220.760

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 27.435, 189.732 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(140, 224, 217)` looks like.

```
.text, #text, p{  
    color:rgb(140, 224, 217)  
}
```

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(140, 224, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 224, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 27.435, 189.732 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(140, 224, 217) }
```

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

```
.border{ border-color:rgb(140, 224, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 224, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 224, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 224, 217);  
box-shadow:4px 4px 4px 4px rgb(140, 224,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 27.435, 189.732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 224, 217) }
```

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

```
.background{ background-color: rgb(140,  
224, 217) }
```

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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