

Converting Colors

CIELCh(84, 28.232, 192.378)

Have a look what the booklet for
CIELCh(84, 28.232, 192.378)
contains.

CIELCh(84, 28.466, 192.111)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(84, 28.466, 192.111)

Conversions

Conversions Part 1

Format	Color
Hex	88E1DC
RGB	136, 225, 220
RGB Percent	53%, 88%, 86%
CMY	0.4677, 0.1187, 0.1383
CMYK	0.40, 0.00, 0.02, 0.12
HSL	177°, 60%, 71%
HSV	177°, 40%, 88%
XYZ	49.8421, 64.0658, 77.2598
YIQ	197.8190, -51.4390, -20.4230

Conversions

Conversions Part 2

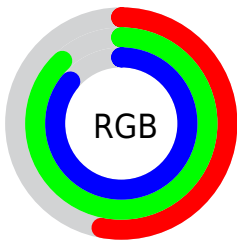
Format	Color
RYB	136, 182, 225
Decimal	8970716
CIELab	84.00, -27.83, -5.97
CIELCh	84, 28.466, 192.111
Yxy	64.0658, 0.2607, 0.3351
Android (android.graphics.Color)	4287160796 (0xFF88E1DC)
YUV	197.8190, 10.9352, -54.2153
Hunter-Lab	80.0411, -28.9188, -1.2010

Details

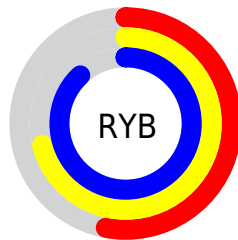
The CIELCh color `84, 28.466, 192.111` is a light color, and the websafe version is hex `66CCCC`. A complement of this color would be `66, 36.578, 19.085`, and the grayscale version is `80, 0.010, 296.813`.

A 20% lighter version of the original color is `96, 20.212, 198.174`, and `64, 28.412, 192.478` is the 20% darker color. If you saturate the color by 10%, you get `83, 34.027, 191.460`, and if you desaturate by 10%, it is `85, 22.120, 192.768`.

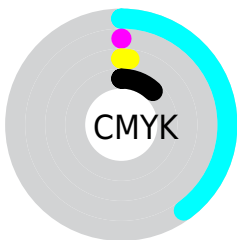
Distribution



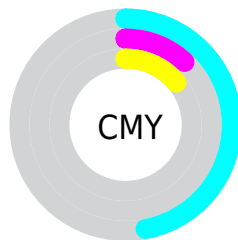
- Red (53%)
- Green (88%)
- Blue (86%)



- Red (53%)
- Yellow (71%)
- Blue (88%)



- Cyan (40%)
- Magenta (0%)
- Yellow (2%)
- Black (12%)





- Cyan (47%)
- Magenta (12%)
- Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 28.466, 192.111 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, 28.466, 192.111 by changing the saturation by 10% instead.


 84, 28.466,
192.111

 84, 28.466,
192.111


 100, 28.466,
192.111


 74, 28.466,
192.111

 64, 28.466,
192.111

 54, 28.466,
192.111

 44, 28.466,
192.111

 34, 28.466,
192.111

 24, 28.466,
192.111

 14, 28.466,

192.111

■ 4, 28.466, 192.111

■ 0, 28.466, 192.111

■ 84, 28.466,
192.111

■ 84, 28.466,
192.111

■ 83, 34.027,
191.460

■ 85, 22.120,
192.768

■ 82, 38.691,
190.816

■ 86, 15.118,
193.445

■ 82, 42.383,
190.167

■ 88, 7.594, 194.160

■ 81, 45.077,
189.501

■ 90, 0.324, 12.934

■ 91, 8.520, 15.391

■ 81, 46.814,

188.803

92, 11.108, 13.309

81, 47.774,
188.067

92, 11.184, 10.002

81, 47.807,
188.038

92, 11.297, 6.751

92, 11.447, 3.577

Harmonies

Complementary

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



84, 28.466, 192.111



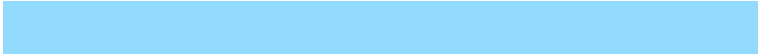
66, 36.578, 19.085

Rectangle

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



84, 28.466, 192.111



84, 28.466, 242.111



84, 28.466, 12.111



84, 28.466, 62.111

Sweetspot

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



84, 28.466, 192.109



98, 10.456, 193.976



82, 55.570, 139.937



52, 6.914, 193.881



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, 28.466, 192.109



93, 36.715, 191.542



73, 25.493, 254.321



46, 4.487, 194.172



65, 39.783, 188.165



17, 16.200, 189.450

Inverse Universe

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



66, 36.578, 19.085



69, 50.260, 20.749



75, 30.001, 63.513



44, 4.734, 15.389



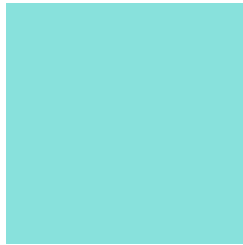
36, 76.759, 37.670



6, 25.416, 18.577

Previews

White Background



This preview shows how the CIE LCh color 84, 28.466, 192.111 looks on a white background.

Color Contrast Check

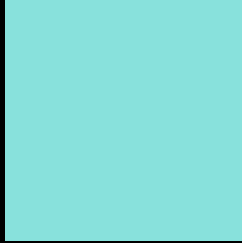
Large Text (above 18pt) WCAG AA × Fail

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, 28.466, 192.111 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

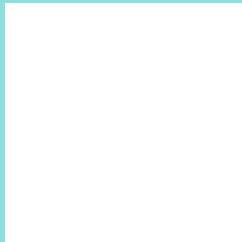
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 28.466, 192.111

Background



This preview shows how black text looks on a background with the CIELCh color 84, 28.466, 192.111.

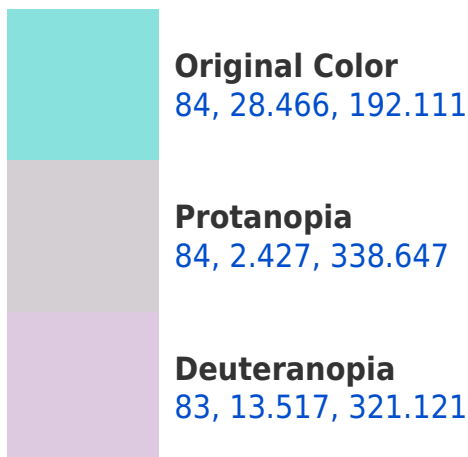


This preview shows how white text looks on a background with the CIELCh color 84, 28.466, 192.111.

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



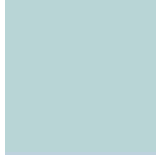


Tritanopia
84, 26.142, 219.354

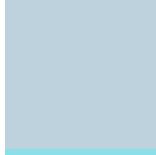
Trichromacy



Original Color
84, 28.466, 192.111



Protanomaly
83, 10.104, 201.747



Deuteranomaly
83, 9.254, 242.481

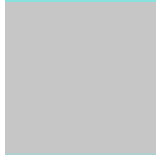


Tritanomaly
84, 26.340, 209.373

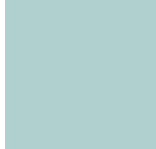
Monochromacy



Original Color
84, 28.466, 192.111



Achromatopsia
80, 0.010, 296.813



Achromatomaly
81, 11.623, 193.329

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 28.466, 192.111 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(136, 225, 220)` looks like.

```
.text, #text, p{  
    color:rgb(136, 225, 220)  
}
```

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(136, 225, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 225, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 28.466, 192.111 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(136, 225, 220) }
```

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

```
.border{ border-color:rgb(136, 225, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 225, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(136, 225, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(136, 225, 220); box-shadow:4px 4px 4px 4px rgb(136, 225, 220) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 28.466, 192.111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 225, 220) }
```

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

```
.background{ background-color: rgb(136,  
225, 220) }
```

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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