

Converting Colors

CIELCh(84, 25.465, 202.308)

Have a look what the booklet for
CIELCh(84, 25.465, 202.308)
contains.

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Color

CIElCh(84, 25.347, 202.533)

Conversions

Conversions Part 1

Format	Color
Hex	8FDFE3
RGB	143, 223, 227
RGB Percent	56%, 87%, 89%
CMY	0.4397, 0.1260, 0.1103
CMYK	0.37, 0.02, 0.00, 0.11
HSL	183°, 60%, 72%
HSV	183°, 37%, 89%
XYZ	51.4995, 64.0658, 82.2232
YIQ	199.5360, -48.9640, -15.7160

Conversions

Conversions Part 2

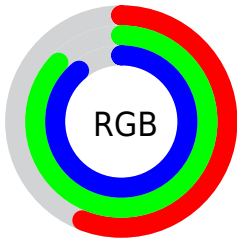
Format	Color
RYB	143, 184, 227
Decimal	9428963
CIELab	84.00, -23.41, -9.71
CIELCh	84, 25.347, 202.533
Yxy	64.0658, 0.2604, 0.3239
Android (android.graphics.Color)	4287619043 (0xFF8FDFE3)
YUV	199.5360, 13.5398, -49.5821
Hunter-Lab	80.0411, -25.2227, -4.8776

Details

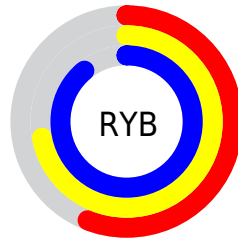
The CIELCh color **84, 25.347, 202.533** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **69, 33.146, 26.294**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 18.101, 198.308**, and **64, 25.506, 202.382** is the 20% darker color. If you saturate the color by 10%, you get **83, 30.632, 202.447**, and if you desaturate by 10%, it is **85, 19.286, 202.719**.

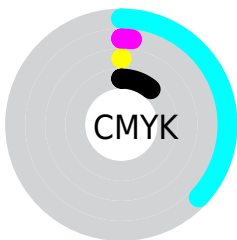
Distribution



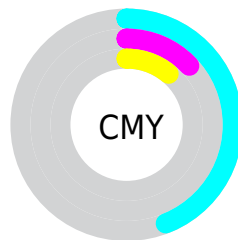
- Red (56%)
- Green (87%)
- Blue (89%)



- Red (56%)
- Yellow (72%)
- Blue (89%)



- Cyan (37%)
- Magenta (2%)
- Yellow (0%)
- Black (11%)





- Cyan (44%)
- Magenta (13%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 25.347, 202.533 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, 25.347, 202.533 by changing the saturation by 10% instead.


 84, 25.347,
202.533


 84, 25.347,
202.533


 100, 25.347,
202.533


 74, 25.347,
202.533

 64, 25.347,
202.533

 54, 25.347,
202.533

 44, 25.347,
202.533

 34, 25.347,
202.533

 24, 25.347,
202.533

 14, 25.347,

202.533

■ 4, 25.347, 202.533

■ 0, 25.347, 202.533

■ 84, 25.347,
202.533

■ 84, 25.347,
202.533

■ 83, 30.632,
202.447

■ 85, 19.286,
202.719

■ 82, 35.031,
202.486

■ 87, 12.573,
203.004

■ 81, 38.461,
202.662

■ 89, 5.334, 203.408

■ 80, 40.890,
202.992

■ 91, 2.310, 23.424

■ 93, 9.775, 24.230

■ 79, 42.341,

203.488

93, 9.441, 27.716

79, 42.925,
204.153

93, 9.145, 31.442

79, 43.015,
204.368

94, 8.891, 35.399

94, 8.682, 39.565

Harmonies

Complementary

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



84, 25.347, 202.533



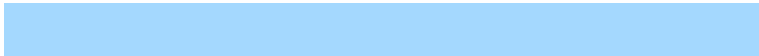
69, 33.146, 26.294

Rectangle

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



84, 25.347, 202.533



84, 25.347, 252.533



84, 25.347, 22.533



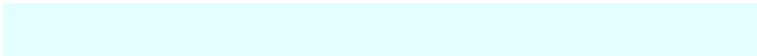
84, 25.347, 72.533

Sweetspot

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



84, 25.347, 202.530



98, 9.087, 203.223



83, 52.377, 142.556



52, 6.083, 203.169



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, 25.347, 202.530



92, 31.972, 202.458



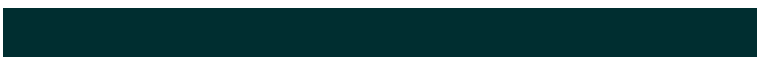
73, 26.735, 265.251



46, 4.247, 203.292



62, 35.608, 204.226



16, 14.766, 202.874

Inverse Universe

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



70, 51.809, 327.805



75, 67.034, 328.189



79, 29.055, 74.151



44, 7.894, 326.248



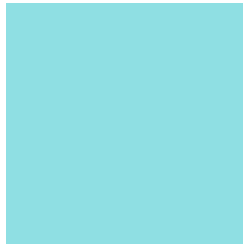
41, 84.297, 330.212



8, 34.801, 329.867

Previews

White Background



This preview shows how the CIE LCh color 84, 25.347, 202.533 looks on a white background.

Color Contrast Check

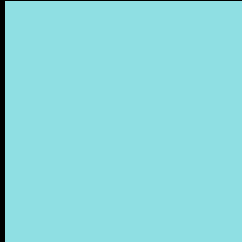
Large Text (above 18pt) WCAG AA × Fail

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, 25.347, 202.533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

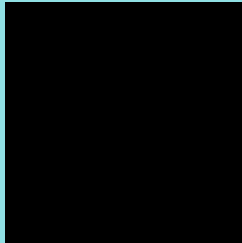
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 25.347, 202.533

Background



This preview shows how black text looks on a background with the CIELCh color 84, 25.347, 202.533.

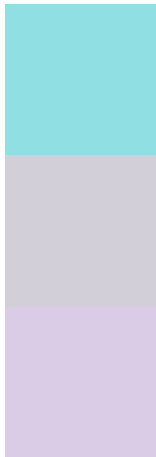


This preview shows how white text looks on a background with the CIELCh color 84, 25.347, 202.533.

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, 25.347, 202.533

Protanopia
84, 5.409, 302.057

Deuteranopia
84, 15.777, 310.832

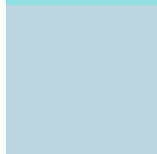


Tritanopia
84, 24.712, 220.760

Trichromacy



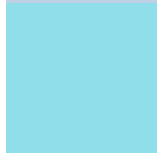
Original Color
84, 25.347, 202.533



Protanomaly
84, 10.105, 223.649



Deuteranomaly
83, 11.791, 257.761

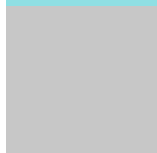


Tritanomaly
84, 24.715, 214.116

Monochromacy



Original Color
84, 25.347, 202.533



Achromatopsia
80, 0.010, 296.813



Achromatomaly
81, 10.140, 201.734

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 25.347, 202.533 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(143, 223, 227)` looks like.

```
.text, #text, p{  
    color:rgb(143, 223, 227)  
}
```

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(143, 223, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 223, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 25.347, 202.533 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(143, 223, 227) }
```

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

```
.border{ border-color:rgb(143, 223, 227) }
```

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

Here you see how a box with a 4 pixel rgb(143, 223, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 223, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 223, 227);  
box-shadow:4px 4px 4px 4px rgb(143, 223,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 25.347, 202.533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 223, 227) }
```

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

```
.background{ background-color: rgb(143,  
223, 227) }
```

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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