

Converting Colors

CIELCh(84, 22.787, 204.892)

Have a look what the booklet for
CIELCh(84, 22.787, 204.892)
contains.

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Color

CIElCh(84, 22.613, 206.026)

Conversions

Conversions Part 1

Format	Color
Hex	97DDE3
RGB	151, 221, 227
RGB Percent	59%, 87%, 89%
CMY	0.4065, 0.1320, 0.1085
CMYK	0.33, 0.03, 0.00, 0.11
HSL	185°, 58%, 74%
HSV	185°, 33%, 89%
XYZ	52.6804, 64.0658, 82.5062
YIQ	200.7540, -43.6460, -12.9740

Conversions

Conversions Part 2

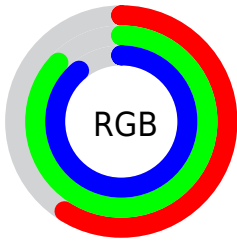
Format	Color
RYB	151, 187, 227
Decimal	9952739
CIELab	84.00, -20.32, -9.92
CIELCh	84, 22.613, 206.026
Yxy	64.0658, 0.2644, 0.3215
Android (android.graphics.Color)	4288142819 (0xFF97DDE3)
YUV	200.7540, 12.9393, -43.6343
Hunter-Lab	80.0411, -22.5892, -5.0873

Details

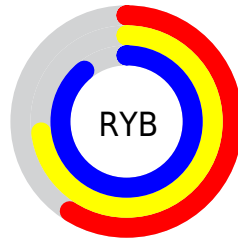
The CIELCh color **84, 22.613, 206.026** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **71, 28.791, 28.365**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 15.627, 198.466**, and **64, 22.737, 206.101** is the 20% darker color. If you saturate the color by 10%, you get **82, 28.033, 206.099**, and if you desaturate by 10%, it is **86, 16.479, 206.079**.

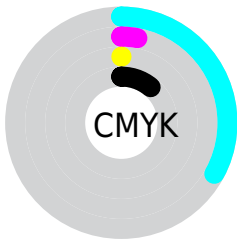
Distribution



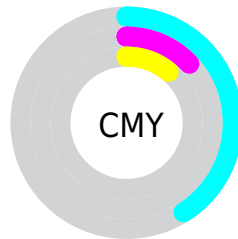
- Red (59%)
- Green (87%)
- Blue (89%)



- Red (59%)
- Yellow (73%)
- Blue (89%)



- Cyan (33%)
- Magenta (3%)
- Yellow (0%)
- Black (11%)




- Cyan (41%)
- Magenta (13%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 22.613, 206.026 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, 22.613, 206.026 by changing the saturation by 10% instead.

 84, 22.613,
206.026


 84, 22.613,
206.026


 100, 22.613,
206.026


 74, 22.613,
206.026

 64, 22.613,
206.026

 54, 22.613,
206.026

 44, 22.613,
206.026

 34, 22.613,
206.026

 24, 22.613,
206.026

 14, 22.613,

206.026

■ 4, 22.613, 206.026

■ 0, 22.613, 206.026

■ 84, 22.613,
206.026

■ 84, 22.613,
206.026

■ 82, 28.033,
206.099

■ 86, 16.479,
206.079

■ 81, 32.623,
206.331

■ 88, 9.754, 206.254

■ 80, 36.288,
206.748

■ 90, 2.558, 206.663

■ 92, 4.997, 26.599

■ 79, 38.971,
207.377

■ 93, 9.123, 29.553

■ 78, 40.672,

■ 94, 8.690, 36.186

208.248

94, 8.387, 43.401

77, 41.463,
209.384

95, 8.226, 51.020

77, 41.630,
210.249

95, 8.217, 58.788

Harmonies

Complementary

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



84, 22.613, 206.026



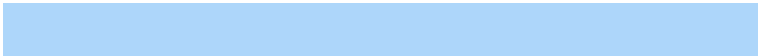
71, 28.791, 28.365

Rectangle

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



84, 22.613, 206.026



84, 22.613, 256.026



84, 22.613, 26.026



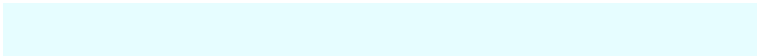
84, 22.613, 76.026

Sweetspot

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



84, 22.613, 206.022



98, 8.045, 206.344



84, 46.416, 143.815



52, 5.467, 206.304



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, 22.613, 206.022



92, 28.788, 206.059



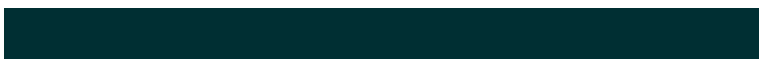
74, 25.159, 267.804



47, 4.202, 206.363



62, 34.784, 210.008



17, 14.777, 207.712

Inverse Universe

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



72, 46.023, 328.561



77, 60.031, 328.947



80, 26.603, 77.886



45, 7.870, 327.160



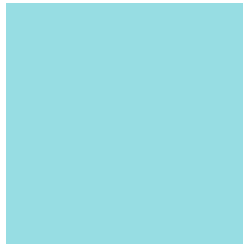
42, 83.132, 331.636



8, 35.219, 331.073

Previews

White Background



This preview shows how the CIELCh color 84, 22.613, 206.026 looks on a white background.

Color Contrast Check

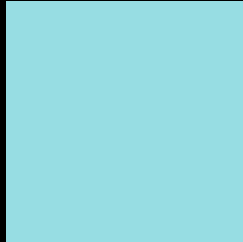
Large Text (above 18pt) WCAG AA × Fail

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, 22.613, 206.026 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

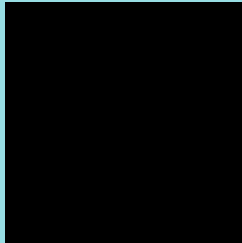
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 22.613, 206.026

Background



This preview shows how black text looks on a background with the CIELCh color 84, 22.613, 206.026.



This preview shows how white text looks on a background with the CIELCh color 84, 22.613, 206.026.

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



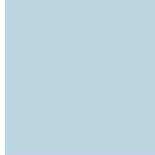


Tritanopia
84, 22.358, 221.948

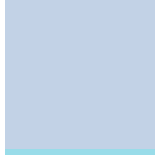
Trichromacy



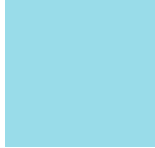
Original Color
84, 22.613, 206.026



Protanomaly
83, 9.689, 232.088



Deuteranomaly
84, 11.759, 263.427

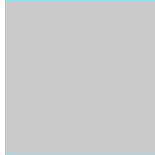


Tritanomaly
84, 22.140, 216.239

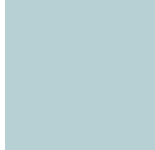
Monochromacy



Original Color
84, 22.613, 206.026



Achromatopsia
81, 0.010, 296.813



Achromatomaly
82, 8.856, 209.228

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 22.613, 206.026 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(151, 221, 227)` looks like.

```
.text, #text, p{  
    color:rgb(151, 221, 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(151, 221, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 221, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 22.613, 206.026 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(151, 221, 227) }
```

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

```
.border{ border-color:rgb(151, 221, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 221, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 221, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 221, 227); box-shadow:4px 4px 4px 4px rgb(151, 221, 227) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 22.613, 206.026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 221, 227) }
```

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

```
.background{ background-color: rgb(151,  
221, 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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