

Converting Colors

CIELCh(87, 22.192, 213.196)

Have a look what the booklet for
CIELCh(87, 22.192, 213.196)
contains.

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Color

CIELCh(87, 22.198, 213.204)

Conversions

Conversions Part 1

Format	Color
Hex	A1E5F0
RGB	161, 229, 240
RGB Percent	63%, 90%, 94%
CMY	0.3681, 0.1014, 0.0583
CMYK	0.33, 0.05, 0.00, 0.06
HSL	188°, 73%, 79%
HSV	188°, 33%, 94%
XYZ	58.5324, 70.0064, 92.9742
YIQ	209.9220, -44.0590, -10.9950

Conversions

Conversions Part 2

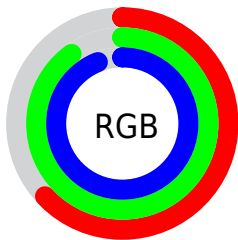
Format	Color
R_{YB}	161, 198, 240
Decimal	10610160
CIE _{Lab}	87.00, -18.57, -12.16
CIE _{LCh}	87, 22.198, 213.204
Yxy	70.0064, 0.2642, 0.3160
Android (android.graphics.Color)	4288800240 (0xFFA1E5F0)
YUV	209.9220, 14.8285, -42.9046
Hunter-Lab	83.6698, -21.5501, -7.3144

Details

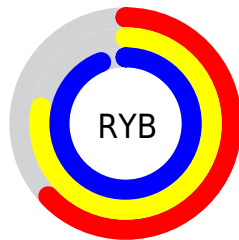
The CIELCh color `87, 22.198, 213.204` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `76, 28.189, 33.522`, and the grayscale version is `84, 0.010, 296.813`.

A 20% lighter version of the original color is `97, 12.449, 198.674`, and `67, 22.112, 213.865` is the 20% darker color. If you saturate the color by 10%, you get `85, 27.649, 213.698`, and if you desaturate by 10%, it is `89, 16.051, 212.901`.

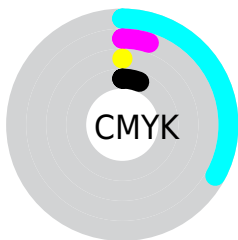
Distribution



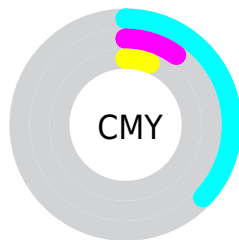
- Red (63%)
- Green (90%)
- Blue (94%)



- Red (63%)
- Yellow (78%)
- Blue (94%)



- Cyan (33%)
- Magenta (5%)
- Yellow (0%)
- Black (6%)



- Cyan (37%)
- Magenta (10%)
- Yellow (6%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 22.198, 213.204 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 87, 22.198, 213.204 by changing the saturation by 10% instead.

 87, 22.198,
213.204

 87, 22.198,
213.204

 100, 22.198,
213.204

 77, 22.198,
213.204

 67, 22.198,
213.204

 57, 22.198,
213.204

 47, 22.198,
213.204

 37, 22.198,
213.204

 27, 22.198,
213.204

 17, 22.198,

213.204

■ 7, 22.198, 213.204

■ 0, 22.198, 213.204

■ 87, 22.198,
213.204

■ 87, 22.198,
213.204

■ 85, 27.649,
213.698

■ 89, 16.051,
212.901

■ 83, 32.287,
214.440

■ 92, 9.330, 212.775

■ 81, 36.015,
215.478

■ 94, 2.151, 212.967

■ 80, 38.775,
216.872

■ 97, 4.610, 34.772

■ 79, 40.566,

■ 97, 4.354, 61.352

■ 98, 5.029, 85.499

218.684

99, 6.340, 101.745

■ 77, 41.470,
220.965

■ 100, 7.521,
109.605

■ 77, 41.730,
222.837

Harmonies

Complementary

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



87, 22.198, 213.204



76, 28.189, 33.522

Rectangle

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



87, 22.198, 213.204



87, 22.198, 263.204



87, 22.198, 33.204



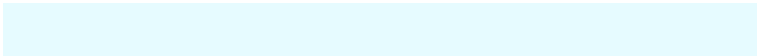
87, 22.198, 83.204

Sweetspot

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



87, 22.198, 213.200



97, 7.655, 212.772



88, 45.571, 145.810



52, 5.203, 212.771



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



87, 22.198, 213.200



90, 26.877, 213.484



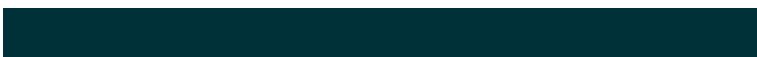
77, 28.049, 273.710



49, 4.143, 212.774



60, 34.145, 222.331



18, 15.029, 218.252

Inverse Universe

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



76, 45.450, 330.498



77, 56.257, 330.890



86, 28.665, 84.030



47, 7.821, 329.034



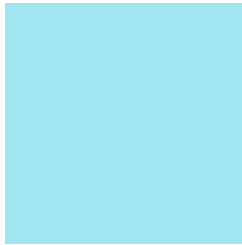
42, 80.979, 334.675



9, 35.885, 333.660

Previews

White Background



This preview shows how the CIE LCh color 87, 22.198, 213.204 looks on a white background.

Color Contrast Check

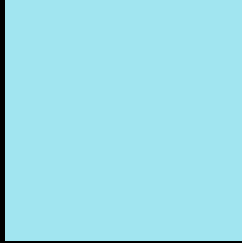
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 87, 22.198, 213.204 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 87, 22.198, 213.204

Background



This preview shows how black text looks on a background with the CIELCh color 87, 22.198, 213.204.



This preview shows how white text looks on a background with the CIELCh color 87, 22.198, 213.204.

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](#).

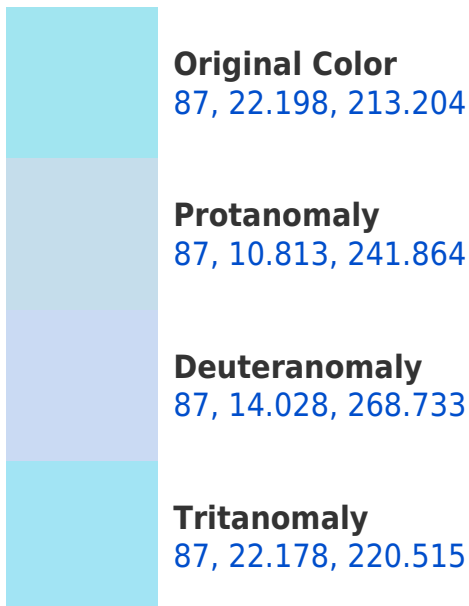
Dichromacy





Tritanopia
87, 22.214, 223.485

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 22.198, 213.204 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(161, 229, 240)` looks like.

```
.text, #text, p{  
    color:rgb(161, 229, 240)  
}
```

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(161, 229, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 229, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 22.198, 213.204 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(161, 229, 240) }
```

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

```
.border{ border-color:rgb(161, 229, 240) }
```

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

Here you see how a box with a 4 pixel rgb(161, 229, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 229, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 229, 240);  
box-shadow:4px 4px 4px 4px rgb(161, 229,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 22.198, 213.204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 229, 240) }
```

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

```
.background{ background-color: rgb(161,  
229, 240) }
```

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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