

Converting Colors

CIELCh(86, 22.042, 197.360)

Have a look what the booklet for
CIELCh(86, 22.042, 197.360)
contains.

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Color

CIELCh(86, 21.912, 197.942)

Conversions

Conversions Part 1

Format	Color
Hex	A0E3E3
RGB	160, 227, 227
RGB Percent	63%, 89%, 89%
CMY	0.3724, 0.1096, 0.1096
CMYK	0.30, 0.00, 0.00, 0.11
HSL	180°, 55%, 76%
HSV	180°, 30%, 89%
XYZ	55.8568, 67.9871, 82.8818
YIQ	206.9670, -39.9320, -14.2040

Conversions

Conversions Part 2

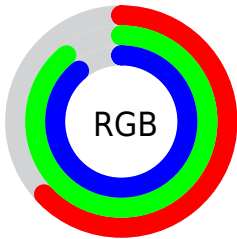
Format	Color
R_{YB}	160, 194, 227
Decimal	10544099
CIE _{Lab}	86.00, -20.85, -6.75
CIE _{LCh}	86, 21.912, 197.942
Y _{xy}	67.9871, 0.2702, 0.3289
Android (android.graphics.Color)	4288734179 (0xFFA0E3E3)
YUV	206.9670, 9.8763, -41.1901
Hunter-Lab	82.4543, -23.3743, -1.8794

Details

The CIELCh color **86, 21.912, 197.942** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **72, 26.824, 21.861**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 12.771, 198.653**, and **66, 21.614, 199.112** is the 20% darker color. If you saturate the color by 10%, you get **85, 28.107, 197.524**, and if you desaturate by 10%, it is **87, 15.010, 198.413**.

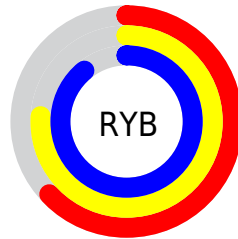
Distribution



Red (63%)

Green (89%)

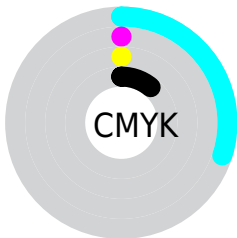
Blue (89%)



Red (63%)

Yellow (76%)

Blue (89%)

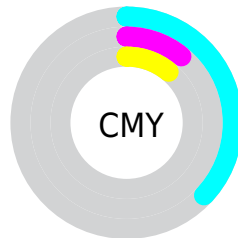


Cyan (30%)

Magenta (0%)

Yellow (0%)

Black (11%)



Cyan (37%)


Magenta (11%)


Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 21.912, 197.942 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 86, 21.912, 197.942 by changing the saturation by 10% instead.


 86, 21.912,
197.942


 86, 21.912,
197.942


 100, 21.912,
197.942


 76, 21.912,
197.942

 66, 21.912,
197.942

 56, 21.912,
197.942

 46, 21.912,
197.942

 36, 21.912,
197.942

 26, 21.912,
197.942

 16, 21.912,

197.942

■ 6, 21.912, 197.942

■ 0, 21.912, 197.942

■ 86, 21.912,
197.942

■ 86, 21.912,
197.942

■ 85, 28.107,
197.524

■ 87, 15.010,
198.413

■ 84, 33.469,
197.173

■ 89, 7.530, 198.962

■ 83, 37.896,
196.887

■ 90, 0.399, 17.906

■ 83, 41.325,
196.669

■ 92, 8.657, 19.938

■ 82, 43.743,

■ 92, 10.189, 20.055

■ 92, 10.189, 20.052

196.516

92, 10.189, 20.049

82, 45.199,
196.424

92, 10.189, 20.046

82, 45.879,
196.381

92, 10.189, 20.043

82, 45.906,
196.379

Harmonies

Complementary

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



86, 21.912, 197.942



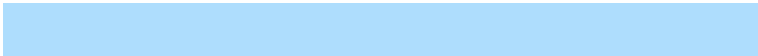
72, 26.824, 21.861

Rectangle

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



86, 21.912, 197.942



86, 21.912, 247.942



86, 21.912, 17.942



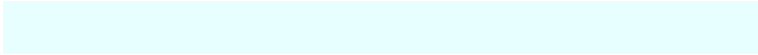
86, 21.912, 67.942

Sweetspot

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



86, 21.912, 197.938



98, 7.839, 198.990



85, 42.668, 141.986



52, 5.426, 198.901



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



86, 21.912, 197.938



95, 27.891, 197.694



77, 20.324, 258.179



47, 4.537, 198.965



66, 38.348, 196.379



18, 16.092, 196.381

Inverse Universe

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



72, 26.824, 21.861



77, 35.691, 22.611



80, 22.248, 69.988



45, 4.817, 19.931



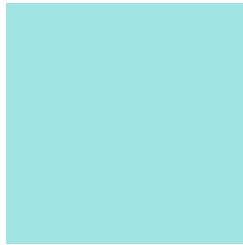
37, 79.982, 39.970



6, 27.105, 21.756

Previews

White Background



This preview shows how the CIE LCh color 86, 21.912, 197.942 looks on a white background.

Color Contrast Check

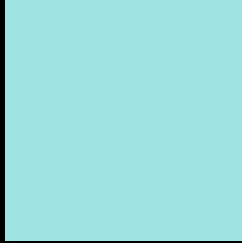
Large Text (above 18pt) WCAG AA × Fail

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 86, 21.912, 197.942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

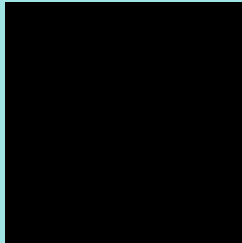
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 21.912, 197.942

Background



This preview shows how black text looks on a background with the CIELCh color 86, 21.912, 197.942.



This preview shows how white text looks on a background with the CIELCh color 86, 21.912, 197.942.

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



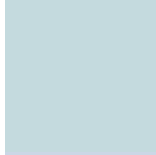


Tritanopia
86, 21.224, 224.870

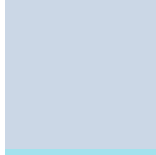
Trichromacy



Original Color
86, 21.912, 197.942



Protanomaly
86, 7.895, 214.437



Deuteranomaly
86, 8.821, 262.831

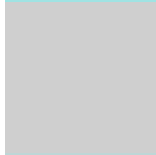


Tritanomaly
86, 20.856, 214.313

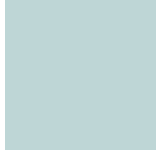
Monochromacy



Original Color
86, 21.912, 197.942



Achromatopsia
83, 0.010, 296.813



Achromatomaly
84, 8.426, 198.867

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 21.912, 197.942 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(160, 227, 227)` looks like.

```
.text, #text, p{  
    color:rgb(160, 227, 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(160, 227, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 227, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 21.912, 197.942 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(160, 227, 227) }
```

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

```
.border{ border-color:rgb(160, 227, 227) }
```

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

Here you see how a box with a 4 pixel rgb(160, 227, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 227, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 227, 227);  
box-shadow:4px 4px 4px 4px rgb(160, 227,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 21.912, 197.942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 227, 227) }
```

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

```
.background{ background-color: rgb(160,  
227, 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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