

Converting Colors

CIELCh(86, 44.926, 205.493)

Have a look what the booklet for
CIELCh(86, 44.926, 205.493)
contains.

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Color

CIELCh(86, 44.871, 205.507)

Conversions

Conversions Part 1

Format	Color
Hex	24EDFA
RGB	36, 237, 250
RGB Percent	14%, 93%, 98%
CMY	0.8602, 0.0697, 0.0187
CMYK	0.86, 0.05, 0.00, 0.02
HSL	184°, 96%, 56%
HSV	184°, 86%, 98%
XYZ	48.3573, 67.9871, 101.2059
YIQ	178.3830, -123.9690, -38.5690

Conversions

Conversions Part 2

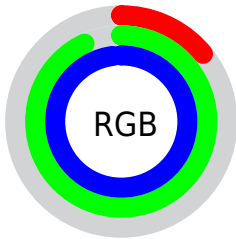
Format	Color
RYB	36, 140, 250
Decimal	2420218
CIELab	86.00, -40.50, -19.32
CIELCh	86, 44.871, 205.507
Yxy	67.9871, 0.2223, 0.3125
Android (android.graphics.Color)	4280610298 (0xFF24EDFA)
YUV	178.3830, 35.3072, -124.8699
Hunter-Lab	82.4543, -39.6095, -15.0556

Details

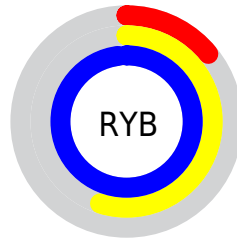
The CIELCh color **86, 44.871, 205.507** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **55, 91.884, 37.733**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 37.280, 197.133**, and **67, 37.239, 208.804** is the 20% darker color. If you saturate the color by 10%, you get **85, 45.517, 206.387**, and if you desaturate by 10%, it is **87, 43.262, 204.836**.

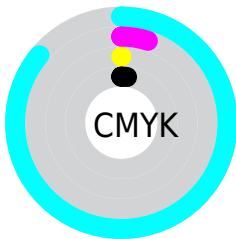
Distribution



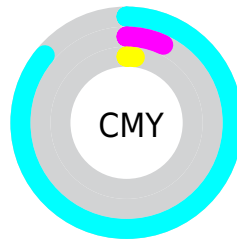
- Red (14%)
- Green (93%)
- Blue (98%)



- Red (14%)
- Yellow (55%)
- Blue (98%)



- Cyan (86%)
- Magenta (5%)
- Yellow (0%)
- Black (2%)



- Cyan (86%)
- Magenta (7%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 44.871, 205.507 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, 44.871, 205.507 by changing the saturation by 10% instead.

 86, 44.871,
205.507


 86, 44.871,
205.507

 100, 44.871,
205.507


 76, 44.871,
205.507

 66, 44.871,
205.507

 56, 44.871,
205.507

 46, 44.871,
205.507

 36, 44.871,
205.507

 26, 44.871,
205.507

 16, 44.871,

205.507

■ 6, 44.871, 205.507

■ 0, 44.871, 205.507

■ 86, 44.871,
205.507

■ 86, 44.871,
205.507

■ 85, 45.517,
206.387

■ 87, 43.262,
204.836

■ 85, 45.608,
206.807

■ 88, 40.590,
204.367

■ 89, 36.833,
204.079

■ 90, 32.037,
203.951

■ 92, 26.296,

203.962

■ 93, 19.733,
204.093

■ 95, 12.483,
204.329

■ 97, 4.683, 204.712

■ 99, 1.481, 31.813

Harmonies

Complementary

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



86, 44.871, 205.507



55, 91.884, 37.733

Rectangle

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



86, 44.871, 205.507



86, 44.871, 255.507



86, 44.871, 25.507



86, 44.871, 75.507

Sweetspot

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



86, 44.870, 205.506



95, 20.211, 204.088



87, 111.571, 137.315



50, 13.518, 204.031



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, 44.870, 205.506



87, 46.262, 206.819



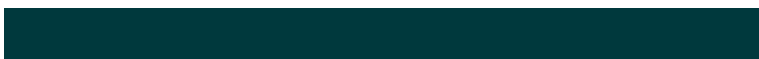
56, 68.147, 283.326



51, 4.581, 204.539



66, 36.936, 206.614



21, 16.858, 205.225

Inverse Universe

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



60, 105.461, 330.413



59, 110.101, 330.853



72, 75.665, 68.022



49, 8.548, 326.627



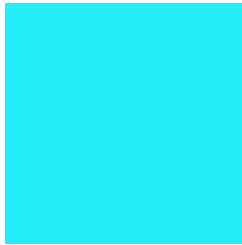
44, 87.875, 330.802



11, 39.998, 330.460

Previews

White Background



This preview shows how the CIE LCh color 86, 44.871, 205.507 looks on a white background.

Color Contrast Check

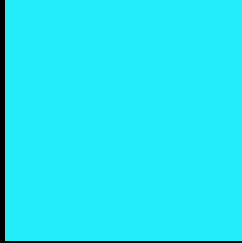
Large Text (above 18pt) WCAG AA × Fail

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, 44.871, 205.507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

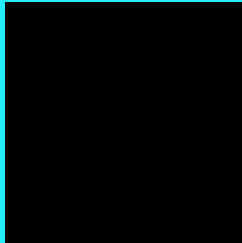
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 44.871, 205.507

Background



This preview shows how black text looks on a background with the CIELCh color 86, 44.871, 205.507.

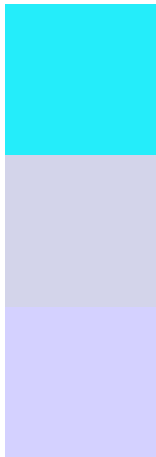


This preview shows how white text looks on a background with the CIELCh color 86, 44.871, 205.507.

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](#).

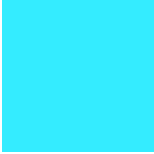
Dichromacy



Original Color
86, 44.813, 205.522

Protanopia
85, 11.570, 289.447

Deuteranopia
85, 24.257, 294.541

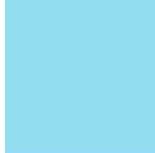


Tritanopia
86, 43.296, 210.299

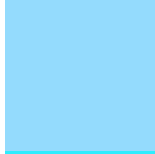
Trichromacy



Original Color
86, 44.813, 205.522



Protanomaly
84, 24.605, 222.239



Deuteranomaly
84, 27.209, 239.879

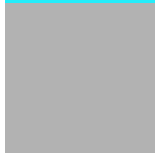


Tritanomaly
86, 43.810, 208.659

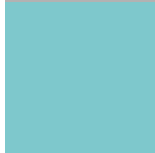
Monochromacy



Original Color
86, 44.813, 205.522



Achromatopsia
73, 0.009, 296.813



Achromatomaly
76, 23.820, 202.920

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 44.871, 205.507 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(36, 237, 250)` looks like.

```
.text, #text, p{  
    color:rgb(36, 237, 250)  
}
```

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(36, 237, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 237, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 44.871, 205.507 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(36, 237, 250) }
```

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

```
.border{ border-color:rgb(36, 237, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 237, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 237, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 237, 250);  
box-shadow:4px 4px 4px 4px rgb(36, 237,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 44.871, 205.507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 237, 250) }
```

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

```
.background{ background-color: rgb(36, 237,  
250) }
```

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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