

Converting Colors

CIELCh(86, 44.755, 206.237)

Have a look what the booklet for
CIELCh(86, 44.755, 206.237)
contains.

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Color

CIELCh(86, 44.755, 206.237)

Conversions

Conversions Part 1

Format	Color
Hex	24EDFB
RGB	36, 237, 251
RGB Percent	14%, 93%, 98%
CMY	0.8575, 0.0701, 0.0152
CMYK	0.86, 0.06, 0.00, 0.02
HSL	184°, 97%, 56%
HSV	184°, 86%, 98%
XYZ	48.4859, 67.9871, 101.9280
YIQ	178.4970, -124.2900, -38.2580

Conversions

Conversions Part 2

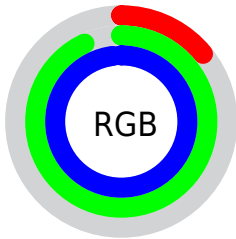
Format	Color
RYB	36, 140, 251
Decimal	2420219
CIELab	86.00, -40.14, -19.79
CIELCh	86, 44.755, 206.237
Yxy	67.9871, 0.2220, 0.3113
Android (android.graphics.Color)	4280610299 (0xFF24EDFB)
YUV	178.4970, 35.7440, -124.9699
Hunter-Lab	82.4543, -39.3311, -15.5749

Details

The CIELCh color **86, 44.755, 206.237** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **55, 91.779, 37.810**, 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, 45.408, 207.195**, and if you desaturate by 10%, it is **87, 43.136, 205.503**.

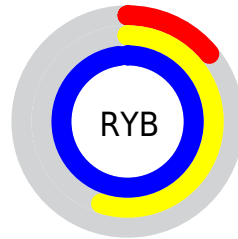
Distribution



Red (14%)

Green (93%)

Blue (98%)



Red (14%)

Yellow (55%)

Blue (98%)

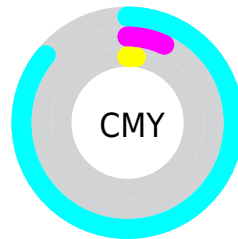


Cyan (86%)

Magenta (6%)

Yellow (0%)

Black (2%)



Cyan (86%)

Magenta (7%)

Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 44.755, 206.237 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, 44.755, 206.237 by changing the saturation by 10% instead.

 86, 44.755,
206.237

 86, 44.755,
206.237

 100, 44.755,
206.237

 76, 44.755,
206.237

 66, 44.755,
206.237

 56, 44.755,
206.237

 46, 44.755,
206.237

 36, 44.755,
206.237

 26, 44.755,
206.237

 16, 44.755,

206.237

■ 6, 44.755, 206.237

■ 0, 44.755, 206.237

■ 86, 44.755,
206.237

■ 86, 44.755,
206.237

■ 85, 45.408,
207.195

■ 87, 43.136,
205.503

■ 85, 45.498,
207.677

■ 88, 40.450,
204.982

■ 89, 36.680,
204.653

■ 90, 31.873,
204.491

■ 92, 26.122,

204.474

■ 93, 19.553,
204.581

■ 95, 12.302,
204.798

■ 97, 4.503, 205.168

■ 99, 1.161, 37.529

Harmonies

Complementary

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



86, 44.755, 206.237



55, 91.779, 37.810

Rectangle

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



86, 44.755, 206.237



86, 44.755, 256.237



86, 44.755, 26.237



86, 44.755, 76.237

Sweetspot

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



86, 44.754, 206.236



95, 20.124, 204.573



87, 111.747, 137.334



50, 13.459, 204.525



0, 0.000, 0.000



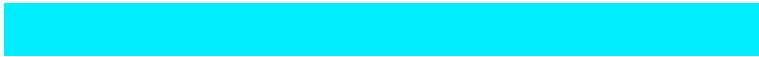
53, 0.007, 296.813

Same Dimension

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



86, 44.754, 206.236



86, 46.028, 207.687



56, 68.164, 283.240



51, 4.562, 204.989



66, 36.751, 207.465



21, 16.780, 205.953

Inverse Universe

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



60, 105.312, 330.591



59, 109.697, 331.066



72, 75.730, 68.067



49, 8.521, 326.760



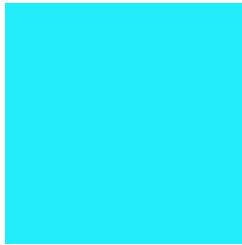
44, 87.557, 331.012



11, 39.871, 330.639

Previews

White Background



This preview shows how the CIE LCh color 86, 44.755, 206.237 looks on a white background.

Color Contrast Check

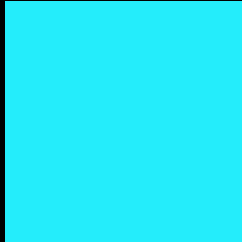
Large Text (above 18pt) WCAG AA × Fail

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, 44.755, 206.237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

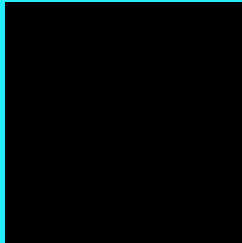
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 44.755, 206.237

Background



This preview shows how black text looks on a background with the CIELCh color 86, 44.755, 206.237.



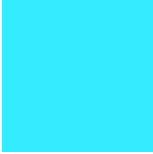
This preview shows how white text looks on a background with the CIELCh color 86, 44.755, 206.237.

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



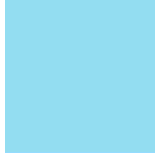


Tritanopia
86, 43.296, 210.299

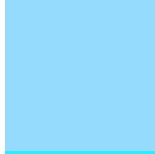
Trichromacy



Original Color
86, 44.755, 206.237



Protanomaly
84, 24.751, 223.454



Deuteranomaly
84, 27.497, 240.845

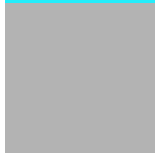


Tritanomaly
86, 43.781, 209.393

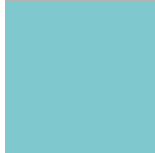
Monochromacy



Original Color
86, 44.755, 206.237



Achromatopsia
73, 0.009, 296.813



Achromatomaly
76, 23.525, 204.346

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 44.755, 206.237 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, 251)` looks like.

```
.text, #text, p{  
    color:rgb(36, 237, 251)  
}
```

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, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 237, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 44.755, 206.237 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, 251) }
```

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

```
.border{ border-color:rgb(36, 237, 251) }
```

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, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 237, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 237, 251);  
box-shadow:4px 4px 4px 4px rgb(36, 237,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 44.755, 206.237 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, 251) }
```

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

```
.background{ background-color: rgb(36, 237,  
251) }
```

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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