

Converting Colors

CIELCh(86, 54.448, 176.341)

Have a look what the booklet for
CIELCh(86, 54.448, 176.341)
contains.

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Color

CIELCh(86, 54.232, 176.610)

Conversions

Conversions Part 1

Format	Color
Hex	24F1CF
RGB	36, 241, 207
RGB Percent	14%, 95%, 81%
CMY	0.8596, 0.0537, 0.1871
CMYK	0.85, 0.00, 0.14, 0.05
HSL	170°, 88%, 54%
HSV	170°, 85%, 95%
XYZ	43.5675, 67.9871, 70.0502
YIQ	175.8290, -111.2660, -54.0340

Conversions

Conversions Part 2

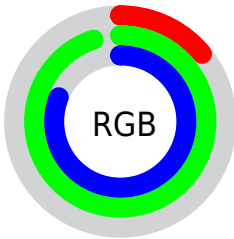
Format	Color
R _Y B	36, 148, 241
Decimal	2421199
CIE Lab	86.00, -54.14, 3.21
CIE LCh	86, 54.232, 176.610
Yxy	67.9871, 0.2399, 0.3744
Android (android.graphics.Color)	4280611279 (0xFF24F1CF)
YUV	175.8290, 15.3673, -122.6300
Hunter-Lab	82.4543, -49.9785, 7.3474

Details

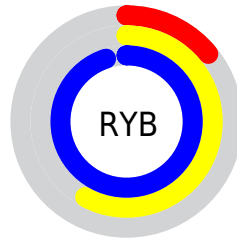
The CIELCh color **86, 54.232, 176.610** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **52, 82.024, 25.341**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 38.090, 197.085**, and **67, 46.753, 174.167** is the 20% darker color. If you saturate the color by 10%, you get **86, 56.439, 174.995**, and if you desaturate by 10%, it is **86, 51.090, 178.069**.

Distribution



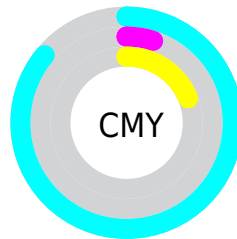
- Red (14%)
- Green (95%)
- Blue (81%)



- Red (14%)
- Yellow (58%)
- Blue (95%)



- Cyan (85%)
- Magenta (0%)
- Yellow (14%)
- Black (5%)





- Cyan (86%)
- Magenta (5%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 54.232, 176.610 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, 54.232, 176.610 by changing the saturation by 10% instead.


 86, 54.232,
176.610


 86, 54.232,
176.610


 100, 54.232,
176.610


 76, 54.232,
176.610

 66, 54.232,
176.610

 56, 54.232,
176.610

 46, 54.232,
176.610

 36, 54.232,
176.610

 26, 54.232,
176.610

 16, 54.232,

176.610

■ 6, 54.232, 176.610

■ 0, 54.232, 176.610

■ 86, 54.232,
176.610

■ 86, 54.232,
176.610

■ 86, 56.439,
174.995

■ 86, 51.090,
178.069

■ 86, 57.288,
174.181

■ 87, 46.933,
179.388

■ 88, 41.767,
180.589

■ 89, 35.664,
181.694

■ 90, 28.740,

182.724

■ 91, 21.139,
183.698

■ 93, 13.010,
184.636

■ 94, 4.497, 185.604

■ 96, 4.271, 6.182

Harmonies

Complementary

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



86, 54.232, 176.610



52, 82.024, 25.341

Rectangle

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



86, 54.232, 176.610



86, 54.232, 226.610



86, 54.232, 356.610



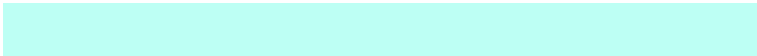
86, 54.232, 46.610

Sweetspot

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



86, 54.232, 176.609



96, 22.791, 183.611



84, 107.425, 134.853



50, 15.311, 183.277



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, 54.232, 176.609



90, 59.768, 174.126



67, 45.328, 255.557



49, 4.895, 185.168



67, 46.504, 174.494



20, 19.734, 177.092

Inverse Universe

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



52, 82.024, 25.341



53, 96.128, 33.013



61, 78.101, 50.667



47, 5.103, 6.718



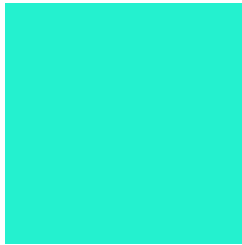
38, 74.270, 31.896



8, 29.107, 17.038

Previews

White Background



This preview shows how the CIE LCh color 86, 54.232, 176.610 looks on a white background.

Color Contrast Check

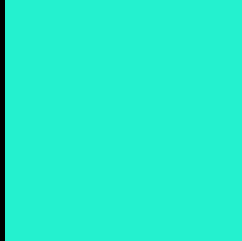
Large Text (above 18pt) WCAG AA × Fail

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, 54.232, 176.610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

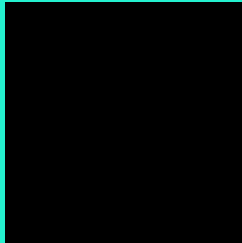
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

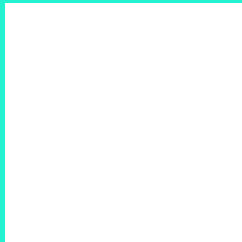
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 54.232, 176.610

Background



This preview shows how black text looks on a background with the CIELCh color 86, 54.232, 176.610.

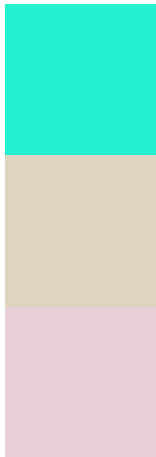


This preview shows how white text looks on a background with the CIELCh color 86, 54.232, 176.610.

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

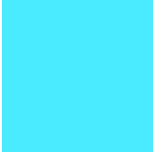
86, 54.170, 176.591

Protanopia

85, 11.120, 89.411

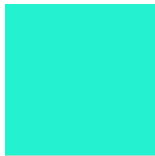
Deuteranopia

85, 10.962, 354.758

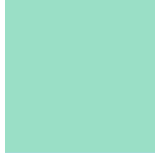


Tritanopia
86, 40.916, 211.236

Trichromacy



Original Color
86, 54.170, 176.591



Protanomaly
84, 27.416, 168.716



Deuteranomaly
83, 20.070, 187.334

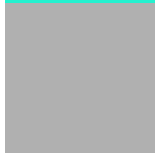


Tritanomaly
86, 44.150, 196.584

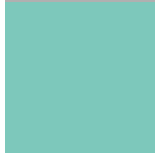
Monochromacy



Original Color
86, 54.170, 176.591



Achromatopsia
72, 0.009, 296.813



Achromatomaly
76, 26.282, 181.878

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 54.232, 176.610 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, 241, 207)` looks like.

```
.text, #text, p{  
    color:rgb(36, 241, 207)  
}
```

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, 241, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 241, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 54.232, 176.610 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, 241, 207) }
```

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

```
.border{ border-color:rgb(36, 241, 207) }
```

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

Here you see how a box with a 4 pixel rgb(36, 241, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 241, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 241, 207);  
box-shadow:4px 4px 4px 4px rgb(36, 241,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 54.232, 176.610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 241, 207) }
```

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

```
.background{ background-color: rgb(36, 241,  
207) }
```

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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