

Converting Colors

CIELCh(87, 36.106, 204.682)

Have a look what the booklet for
CIELCh(87, 36.106, 204.682)
contains.

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Color

CIELCh(87, 36.115, 204.726)

Conversions

Conversions Part 1

Format	Color
Hex	6CECF5
RGB	108, 236, 245
RGB Percent	42%, 93%, 96%
CMY	0.5750, 0.0732, 0.0379
CMYK	0.56, 0.04, 0.00, 0.04
HSL	184°, 88%, 69%
HSV	184°, 56%, 96%
XYZ	52.8526, 70.0064, 97.3786
YIQ	198.7540, -79.1770, -24.3370

Conversions

Conversions Part 2

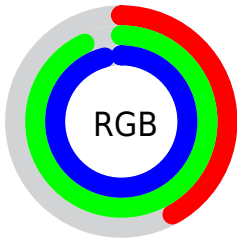
Format	Color
R _Y B	108, 174, 245
Decimal	7138549
CIE Lab	87.00, -32.80, -15.11
CIE LCh	87, 36.115, 204.726
Yxy	70.0064, 0.2400, 0.3179
Android (android.graphics.Color)	4285328629 (0xFF6CECF5)
YUV	198.7540, 22.7993, -79.5913
Hunter-Lab	83.6698, -33.6673, -10.4354

Details

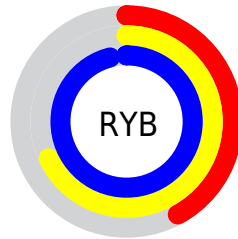
The CIELCh color **87, 36.115, 204.726** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **64, 56.047, 30.482**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 26.754, 197.768**, and **67, 36.181, 204.660** is the 20% darker color. If you saturate the color by 10%, you get **86, 39.789, 205.062**, and if you desaturate by 10%, it is **88, 31.422, 204.555**.

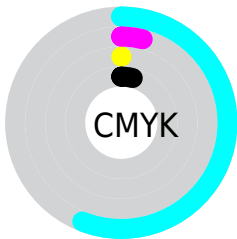
Distribution



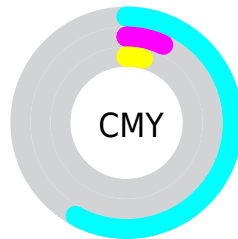
- Red (42%)
- Green (93%)
- Blue (96%)



- Red (42%)
- Yellow (68%)
- Blue (96%)



- Cyan (56%)
- Magenta (4%)
- Yellow (0%)
- Black (4%)





- Cyan (58%)
- Magenta (7%)
- Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 87, 36.115, 204.726 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, 36.115, 204.726 by changing the saturation by 10% instead.


 87, 36.115,
204.726


 87, 36.115,
204.726


 100, 36.115,
204.726


 77, 36.115,
204.726

 67, 36.115,
204.726

 57, 36.115,
204.726

 47, 36.115,
204.726

 37, 36.115,
204.726

 27, 36.115,
204.726

 17, 36.115,

204.726

■ 7, 36.115, 204.726

■ 0, 36.115, 204.726

■ 87, 36.115,
204.726

■ 87, 36.115,
204.726

■ 86, 39.789,
205.062

■ 88, 31.422,
204.555

■ 85, 42.401,
205.593

■ 90, 25.803,
204.531

■ 84, 43.968,
206.337

■ 91, 19.378,
204.632

■ 84, 44.593,
207.308

■ 93, 12.282,
204.844

■ 83, 44.681,

■ 95, 4.646, 205.203

207.761

98, 3.201, 25.554

98, 2.848, 43.401

98, 2.827, 63.686

99, 3.142, 81.980

Harmonies

Complementary

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



87, 36.115, 204.726



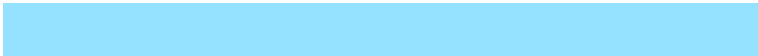
64, 56.047, 30.482

Rectangle

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



87, 36.115, 204.726



87, 36.115, 254.726



87, 36.115, 24.726



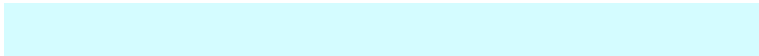
87, 36.115, 74.726

Sweetspot

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



87, 36.115, 204.724



96, 13.563, 204.812



87, 80.877, 140.893



51, 9.014, 204.764



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, 36.115, 204.724



89, 41.387, 205.121



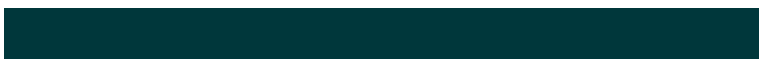
68, 43.610, 272.046



50, 4.483, 205.042



65, 36.363, 207.551



20, 16.323, 205.952

Inverse Universe

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



67, 79.195, 329.357



65, 93.822, 329.885



79, 48.637, 73.146



48, 8.375, 326.774



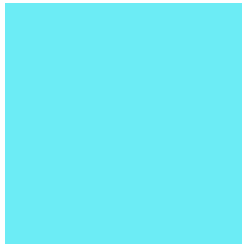
44, 86.644, 331.033



11, 38.787, 330.639

Previews

White Background



This preview shows how the CIE LCh color 87, 36.115, 204.726 looks on a white background.

Color Contrast Check

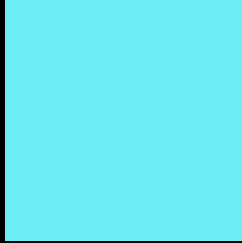
Large Text (above 18pt) WCAG AA × Fail

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 87, 36.115, 204.726 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, 36.115, 204.726

Background



This preview shows how black text looks on a background with the CIELCh color 87, 36.115, 204.726.



This preview shows how white text looks on a background with the CIELCh color 87, 36.115, 204.726.

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



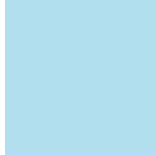


Tritanopia
87, 35.152, 213.954

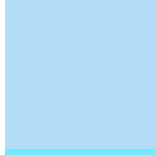
Trichromacy



Original Color
87, 36.115, 204.726



Protanomaly
86, 16.586, 224.945



Deuteranomaly
86, 19.560, 250.274

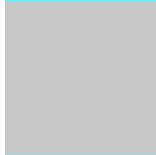


Tritanomaly
87, 35.253, 211.183

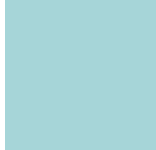
Monochromacy



Original Color
87, 36.115, 204.726



Achromatopsia
80, 0.010, 296.813



Achromatomaly
82, 15.912, 204.089

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 36.115, 204.726 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(108, 236, 245)` looks like.

```
.text, #text, p{  
    color:rgb(108, 236, 245)  
}
```

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(108, 236, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 236, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 36.115, 204.726 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(108, 236, 245) }
```

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

```
.border{ border-color:rgb(108, 236, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 236, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 236, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 236, 245);  
box-shadow:4px 4px 4px 4px rgb(108, 236,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 36.115, 204.726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 236, 245) }
```

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

```
.background{ background-color: rgb(108,  
236, 245) }
```

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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