

Converting Colors

CIELCh(87, 32.289, 201.276)

Have a look what the booklet for
CIELCh(87, 32.289, 201.276)
contains.

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Color

CIELCh(87, 32.457, 201.060)

Conversions

Conversions Part 1

Format	Color
Hex	7EEBEF
RGB	126, 235, 239
RGB Percent	49%, 92%, 94%
CMY	0.5063, 0.0788, 0.0632
CMYK	0.47, 0.02, 0.00, 0.06
HSL	182°, 78%, 72%
HSV	182°, 47%, 94%
XYZ	53.8283, 70.0064, 92.2517
YIQ	202.8650, -66.2480, -21.8640

Conversions

Conversions Part 2

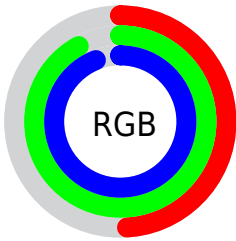
Format	Color
RYB	126, 181, 239
Decimal	8317935
CIELab	87.00, -30.29, -11.66
CIELCh	87, 32.457, 201.060
Yxy	70.0064, 0.2491, 0.3240
Android (android.graphics.Color)	4286508015 (0xFF7EEBEF)
YUV	202.8650, 17.8146, -67.4106
Hunter-Lab	83.6698, -31.5856, -6.8024

Details

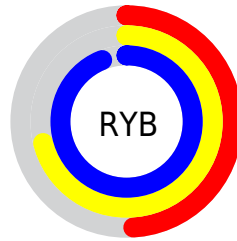
The CIELCh color **87, 32.457, 201.060** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **66, 46.278, 26.943**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 22.558, 198.027**, and **67, 32.463, 200.819** is the 20% darker color. If you saturate the color by 10%, you get **86, 37.067, 201.008**, and if you desaturate by 10%, it is **88, 26.909, 201.215**.

Distribution



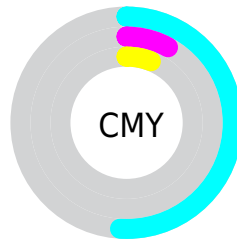
- Red (49%)
- Green (92%)
- Blue (94%)



- Red (49%)
- Yellow (71%)
- Blue (94%)



- Cyan (47%)
- Magenta (2%)
- Yellow (0%)
- Black (6%)





- Cyan (51%)
- Magenta (8%)
- Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 87, 32.457, 201.060 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, 32.457, 201.060 by changing the saturation by 10% instead.


 87, 32.457,
201.060


 87, 32.457,
201.060


 100, 32.457,
201.060


 77, 32.457,
201.060

 67, 32.457,
201.060

 57, 32.457,
201.060

 47, 32.457,
201.060

 37, 32.457,
201.060

 27, 32.457,
201.060

 17, 32.457,

201.060

■ 7, 32.457, 201.060

■ 0, 32.457, 201.060

■ 87, 32.457,
201.060

■ 87, 32.457,
201.060

■ 86, 37.067,
201.008

■ 88, 26.909,
201.215

■ 85, 40.655,
201.077

■ 90, 20.536,
201.467

■ 84, 43.191,
201.277

■ 91, 13.470,
201.805

■ 84, 44.706,
201.613

■ 93, 5.846, 202.254

■ 84, 45.322,

■ 95, 2.211, 22.296

202.085

96, 5.404, 25.461

83, 45.410,
202.225

96, 5.164, 30.536

96, 4.968, 36.056

97, 4.823, 41.966

Harmonies

Complementary

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



87, 32.457, 201.060



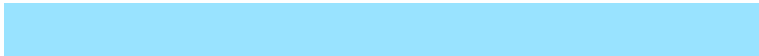
66, 46.278, 26.943

Rectangle

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



87, 32.457, 201.060



87, 32.457, 251.060



87, 32.457, 21.060



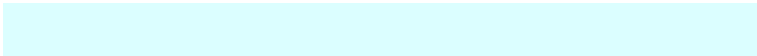
87, 32.457, 71.060

Sweetspot

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



87, 32.457, 201.058



97, 11.605, 201.935



86, 68.938, 141.463



52, 7.960, 201.848



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, 32.457, 201.058



91, 38.900, 201.008



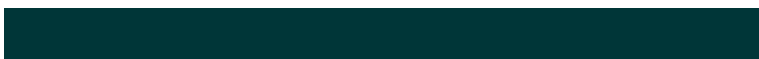
71, 35.460, 267.851



49, 4.536, 202.140



66, 37.305, 202.124



20, 16.389, 201.289

Inverse Universe

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



69, 68.504, 327.976



69, 84.791, 328.438



79, 39.512, 72.750



47, 8.404, 325.907



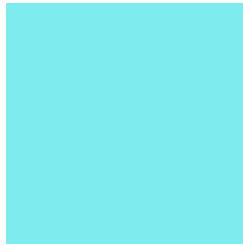
43, 87.830, 329.689



10, 38.490, 329.480

Previews

White Background



This preview shows how the CIE LCh color 87, 32.457, 201.060 looks on a white background.

Color Contrast Check

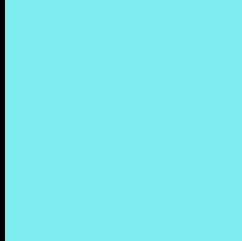
Large Text (above 18pt) WCAG AA × Fail

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, 32.457, 201.060 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, 32.457, 201.060

Background



This preview shows how black text looks on a background with the CIELCh color 87, 32.457, 201.060.

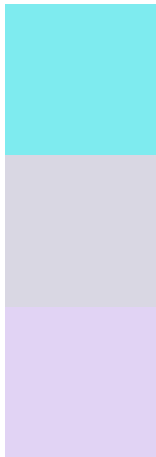


This preview shows how white text looks on a background with the CIELCh color 87, 32.457, 201.060.

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
87, 32.457, 201.060

Protanopia
86, 6.348, 297.095

Deuteranopia
87, 18.054, 307.055

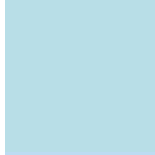


Tritanopia
87, 31.184, 216.380

Trichromacy



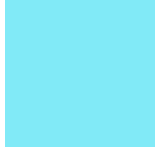
Original Color
87, 32.457, 201.060



Protanomaly
86, 13.496, 219.202



Deuteranomaly
86, 15.191, 248.625

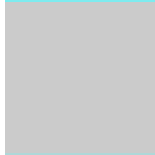


Tritanomaly
87, 31.351, 210.149

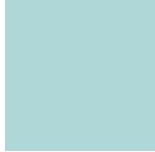
Monochromacy



Original Color
87, 32.457, 201.060



Achromatopsia
82, 0.010, 296.813



Achromatomaly
83, 13.701, 200.696

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 32.457, 201.060 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(126, 235, 239)` looks like.

```
.text, #text, p{  
    color:rgb(126, 235, 239)  
}
```

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(126, 235, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 235, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 32.457, 201.060 is called "border". The border property can be set on classes, ids or directly on the HTML element.

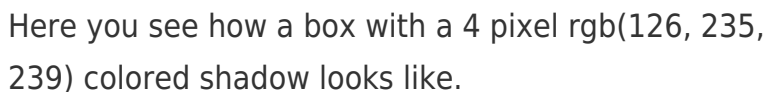
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(126, 235, 239) }
```

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

```
.border{ border-color:rgb(126, 235, 239) }
```

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



Here you see how a box with a 4 pixel `rgb(126, 235, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(126, 235, 239); -webkit-box-shadow:4px 4px 4px 4px rgb(126, 235, 239); box-shadow:4px 4px 4px 4px rgb(126, 235, 239) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 32.457, 201.060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 235, 239) }
```

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

```
.background{ background-color: rgb(126,  
235, 239) }
```

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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