

Converting Colors

CIELCh(87, 15.155, 251.864)

Have a look what the booklet for
CIELCh(87, 15.155, 251.864)
contains.

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Color

CIELCh(87, 15.155, 251.864)

Conversions

Conversions Part 1

Format	Color
Hex	C1DEF5
RGB	193, 222, 245
RGB Percent	76%, 87%, 96%
CMY	0.2440, 0.1303, 0.0401
CMYK	0.21, 0.09, 0.00, 0.04
HSL	207°, 72%, 86%
HSV	207°, 21%, 96%
XYZ	64.4404, 70.0064, 96.3151
YIQ	215.9510, -24.6670, 1.0050

Conversions

Conversions Part 2

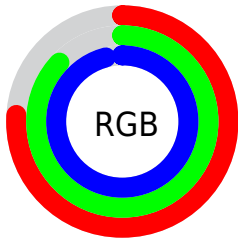
Format	Color
R _{YB}	193, 212, 245
Decimal	12705525
CIE Lab	87.00, -4.72, -14.40
CIE LCh	87, 15.155, 251.864
Yxy	70.0064, 0.2793, 0.3034
Android (android.graphics.Color)	4290895605 (0xFFC1DEF5)
YUV	215.9510, 14.3212, -20.1280
Hunter-Lab	83.6698, -8.9460, -9.6818

Details

The CIELCh color `87, 15.155, 251.864` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `88, 16.382, 66.480`, and the grayscale version is `86, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 1.735, 199.677`, and `67, 15.181, 252.412` is the 20% darker color. If you saturate the color by 10%, you get `83, 21.999, 253.672`, and if you desaturate by 10%, it is `91, 8.110, 250.373`.

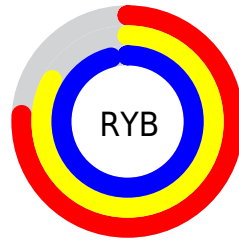
Distribution



Red (76%)

Green (87%)

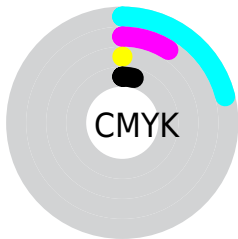
Blue (96%)



Red (76%)

Yellow (83%)

Blue (96%)

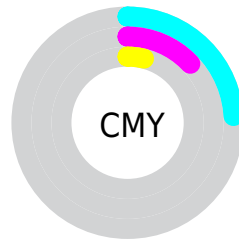


Cyan (21%)

Magenta (9%)

Yellow (0%)

Black (4%)



Cyan (24%)


Magenta (13%)


Yellow (4%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 15.155, 251.864 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, 15.155, 251.864 by changing the saturation by 10% instead.

 87, 15.155,
251.864

 87, 15.155,
251.864


 100, 15.155,
251.864


 77, 15.155,
251.864

 67, 15.155,
251.864

 57, 15.155,
251.864

 47, 15.155,
251.864

 37, 15.155,
251.864

 27, 15.155,
251.864

 17, 15.155,

251.864

■ 7, 15.155, 251.864

■ 0, 15.155, 251.864

■ 87, 15.155,
251.864

■ 87, 15.155,
251.864

■ 83, 21.999,
253.672

■ 91, 8.110, 250.373

■ 78, 28.603,
255.871

■ 96, 0.910, 249.582

■ 74, 34.937,
258.522

■ 100, 4.803,
106.622

■ 70, 40.997,
261.694

■ 100, 5.177,
109.776

■ 66, 46.818,

265.426

■ 63, 52.492,
269.708

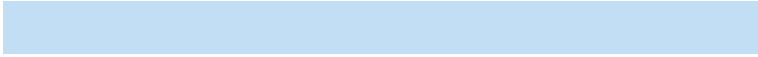
■ 59, 58.157,
274.437

■ 56, 63.258,
278.709

Harmonies

Complementary

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



87, 15.155, 251.864



88, 16.382, 66.480

Rectangle

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



87, 15.155, 251.864



87, 15.155, 301.864



87, 15.155, 71.864



87, 15.155, 121.864

Sweetspot

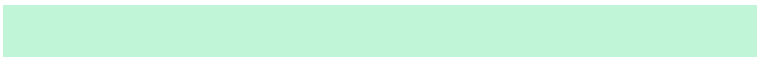
The Sweet Spot groups the original color and five complimentary colors.



87, 15.154, 251.858



97, 4.499, 249.737



92, 23.920, 158.431



52, 2.982, 249.809



0, 0.000, 0.000



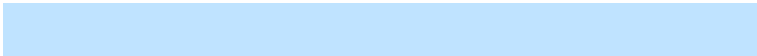
53, 0.007, 296.813

Same Dimension

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



87, 15.154, 251.858



89, 18.351, 252.509



80, 25.852, 289.923



49, 4.108, 250.146



43, 50.719, 277.816



12, 20.026, 270.074

Inverse Universe

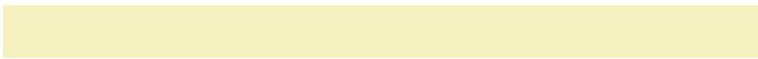
The Inverse Universe completely reimagines the original color for something new.



83, 24.237, 342.433



84, 29.548, 342.797



94, 24.771, 105.170



48, 6.420, 341.379



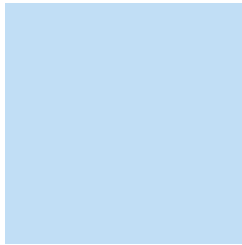
40, 67.858, 356.652



9, 30.900, 351.531

Previews

White Background



This preview shows how the CIELCh color 87, 15.155, 251.864 looks on a white background.

Color Contrast Check

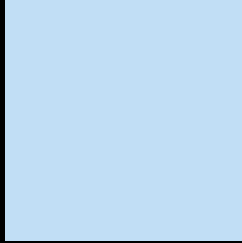
Large Text (above 18pt) WCAG AA × Fail

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, 15.155, 251.864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

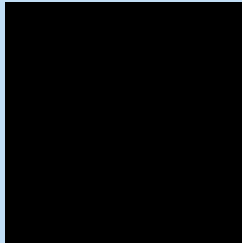
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

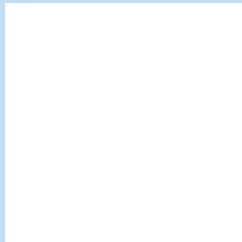
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 15.155, 251.864

Background



This preview shows how black text looks on a background with the CIELCh color 87, 15.155, 251.864.



This preview shows how white text looks on a background with the CIELCh color 87, 15.155, 251.864.

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

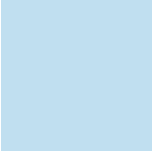
87, 15.155, 251.864

Protanopia

87, 13.107, 288.278

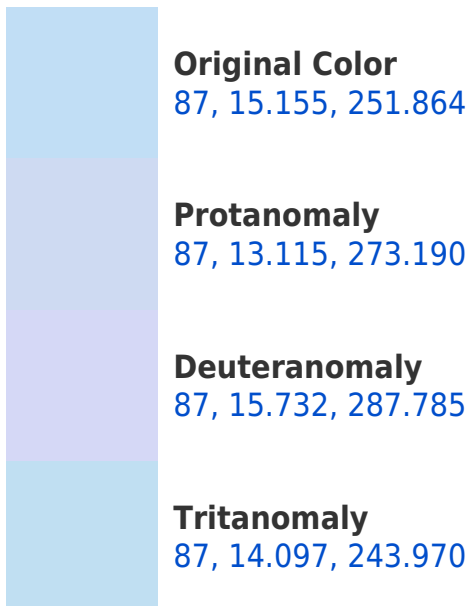
Deuteranopia

87, 18.963, 305.230



Tritanopia
87, 13.442, 240.513

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 15.155, 251.864 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(193, 222, 245)` looks like.

```
.text, #text, p{  
    color:rgb(193, 222, 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(193, 222, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 222, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 15.155, 251.864 is called "border". The border property can be set on classes, ids or directly on the HTML element.

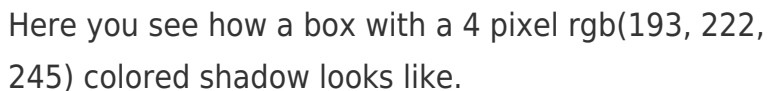
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(193, 222, 245) }
```

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

```
.border{ border-color:rgb(193, 222, 245) }
```

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



Here you see how a box with a 4 pixel `rgb(193, 222, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 222, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 222, 245); box-shadow:4px 4px 4px 4px rgb(193, 222, 245) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 15.155, 251.864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 222, 245) }
```

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

```
.background{ background-color: rgb(193,  
222, 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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